

TOSHIBA

TCx™ Guide to Peripherals

Modular Keyboards

Cash Drawers

Customer Displays

Integration Kits

Version 1.5b

Last update: April 13, 2021

Changes in this update:

RFA 70393, 70394, 70396, 70397, 70398 and 70399 –

Withdrawal of ALL Iron Gray Features effective December 31, 2021

15a – Reinstated Iron Cash Dwr's to Std Models per **RFA 70401**

15b – Updated Cable Schematic on FC 4524/4525



Bill Gregory

Solutions Engineer

Toshiba Global Commerce Solutions

Global Solutions & Partner Enablement

3901 South Miami Blvd, Durham, NC 27703

www.commerce.toshiba.com/support



Contents

Overview.....	3
Things I Need to Know before placing my first order	3
SMUs and FRUs – What are these things anyway ?	3
Toshiba On-Line Resources:.....	3
Keyboards.....	4
Keyboard Optional Components	9
Pre-Configured US-English Keyboards	11
Factory Integration of Spanish and US-English Keyboard Features	11
Modular Keyboard Cables.....	12
Keyboard Lens Kits.....	12
Legend Sheets and Accessories	15
Cash Drawers.....	16
Cash Drawer Cables	22
Cash Drawer and Keyboard Locks.....	25
Customer Displays / Operator Displays.....	27
Display Cables	29
Integrating Peripherals into a tray.....	30
Basic Building Blocks	30
Revision History	33

The “Fine Print”

This Document is a derivative work. The source documents are not required to stay in sync with this guide. The Feature Codes relate precisely to the Offering Structure and Sales Manual. The Part Number that is included is the “Top Bill” part number which is used to build the ordering tables. The Top Bill DOES NOT SHIP to a customer. This part number causes SMU Parts (Shippable Manufacturing Units) to be assembled and shipped. The SMU number changes frequently during the life cycle of a product.

FRU Numbers, where listed, are for those features where a one-to-one relationship exists between the Feature Code and the Field Replaceable Unit number. The Hardware Service Guide is the authoritative source of these Field Replacement part numbers.

STANDARD MODELS of these PERIPHERALS

KEYBOARDS - See listing on page 4

CASH DRAWERS - See listing on page 16

2x20 Displays – See listing on page 27-28 (within the text description of each feature)

Overview

Things I Need to Know before placing my first order

1. Beginning with the TCx™ 700 series 4900-7x6, the 1990's vintage Pearl White color scheme began to transition to Iron Gray and Black. In 2019, this transition was completed, and the Pearl White peripherals will not be available after December 31, 2020.
2. Keyboards have had a similar transformation. Effective in 2020, there are no longer any pearl white keyboards in the active terminal offerings. The interfaces have now been standardized on the USB interface.
3. The 2x20 and APA displays have been restructured beginning in 2015 and completed with the iron gray and black versions in 2018.
4. Cash drawers have been standardized so that they all include a till insert.
5. There are selected Feature Codes that have been identified as "Standard I/O Features". These are popular options and will have a shorter lead-time than the full product range.

With these transitions, it is time to separate the common peripheral options into their own Feature Guide so that the terminal guides can be a more reasonable size. This should also reduce conflicts in part numbers as the parts move through their lifecycle.

This guide lists the possible combinations. There are some combinations that are not released for every platform. Please consult the Sales Manual and the Announcement materials for the POS terminals to see the official released peripherals.

SMUs and FRUs – What are these things anyway ?

The Part Numbering scheme has been a source of many conversations ever since the first pictorial guide was published. There is a **Top Bill**, or **MFI** (Machine Feature Index) Part number that connects the Feature Codes to the Parts system. The intention is that this is a place-holder that can remain a constant number, yet allow for lifecycle changes in the content underneath the feature to change over the program life. The Top Bill will have a list of **SMUs** – Shippable manufacturing Units. The SMU is the collection of **PPNs** (Production Part Numbers) that the factory orders or fabricates to make the feature.

This manual attempts to show the initial Top Bill as of the day of announcement, the Shippable Manufacturing Unit (SMU) Part number, and the Field Replacement Unit (**FRU**) Part number for machine features. The Top Bill should not change during the program life. The SMU number will change – most often, for instance, with Keyboards with each microcode change, and Memory or Media with additional vendor or component certifications.

Our Support team is repeatedly asked, "What Part Number will be on the box that arrives ?" It should be either the SMU number, or occasionally a FRU number. The MFI or Top Bill number will most likely be on the packing list.

On-Line Resources:

FEATURE GUIDES:

[Active Portfolio Feature Guides - Top Level Directory](#)

[Withdrawn Portfolio Feature Guides - Directory of Archived Guides](#)

GETTING STARTED GUIDES:

[Toshiba TCx 300 Getting Started \(4810-xx1\)](#)

[Toshiba TCx 700 Getting Started \(4900-xx7\)](#)

[Toshiba TCx 800 Getting Started Guide \(6200-1xx\)](#)

[Toshiba TCxWave Getting Started \(6140-xx5\)](#)

[Toshiba TCx Printers Getting Started Guide](#)

[Toshiba TCx Cash Drawer Getting Started Guide](#)

[Toshiba TCx Display Getting Started Guide \(6149-Bxx, Wxx\)](#)

[Toshiba TCx Display Getting Started Guide \(6149-5xx Touch\)](#)

[Toshiba TCx Display Getting Started Guide \(6149-5xx non-touch\)](#)

HARDWARE SERVICE GUIDES :

[SureMark Printers](#)

Machine Type 4610 Printers

[TCx Printers](#)

Machine Type 6145 Printers

[SurePoint Displays](#)

Machine Type 4820-21x, 51x, 2Lx, and 5Lx LCD Touch Displays

[TCx Displays](#)

Machine Type 6149 displays

[I-O SERVICE](#)

Cash Drawers, Customer Displays, and Keyboards

[Pre-2007 Systems](#)

Archive document of older devices

Keyboards

The Modular Keyboards were re-structured in January 2020. The Pearl White color scheme is being retired. There is a new family of **black keyboards** that are color matched to the TCx 800 and TCx 700 product lines. It is possible that every feature described herein is NOT available on every product in the Toshiba Global Commerce Solutions portfolio. For example, the TCx 800, which is available in Black and Brilliant White may not have all of the Iron Gray peripherals released and orderable.

Throughout the year of 2020, the specialized pre-configured Iron Gray keyboards are being withdrawn, as are the Pearl White keyboards. from the 4900-7x6 family. The former FC 135x PreConfigured features are shown here, however, you are encouraged to start using the “Standard Models” that have replaced them.

Further changes to the former FC 1111 that allowed assembly of the keyboard and options now are only applicable to the US English, Spanish, and the 67-key keyboards.

The following table shows the resulting keyboard offering after the transitions of 2020 have been completed.

IRON GRAY FEATURES WILL NOT BE AVAILABLE AFTER Dec 31, 2021

Keyboard Feature Codes	ANPOS GRAY	ANPOS BLACK		Compact ANPOS Gray	Compact ANPOS BLACK		67 Key	67 Key w/LCD
							2270	2240
							2271	2241
US English (US, CA, LA, EMEA)	2280	2281		2250	2150			
UK English (EMEA)	2284	2295		2251	2157			
French (EMEA)	2286	2293		2252	2156			
Canadian French (CA)	2282	2285		2253	2152			
Spanish (US, LA, EMEA)	2290	2283		2254	2151			
Brazilian Portuguese (LA)	2292	2287		2255	2154			
German (EMEA)	2288	2289		2256	2155			
Turkey (EMEA)				2257	2153			

Keyboard Options	Iron Gray	Black
3-Track MSR	2260	2261
2 Position KeyLock	2264	2263
Touch Pad / Pointer	2266	2265
Lock Plug	9200	9212


Upgrade / MES Fillers	Iron Gray	Black
MSR Filler	1370	1378
Keylock Filler	1374	1379
Touchpad Filler	1376	1380

CABLES	0.7m	1.4m	3.8m
Standard USB	1300	1320	1321
Powered USB	1306	1324	1325


The term “**STANDARD KEYBOARDS**” will be used to show the special Feature Codes that have been released for limited pre-configured kits that will be readily available.

STANDARD Keyboards	US English GRAY	US English BLACK		Spanish GRAY	Spanish BLACK	GRAY	Black
ANPOS					2810		
ANPOS w/Keylock		2830					
Compact ANPOS w/ Touchpad		2840					
67-Key with Keylock							2850
67-Key LCD, MSR, Keylock							2870


FEAT CODE	TOP P/N		DESCRIPTION
FEB 2021 - STANDARD KEYBOARDS – ASSEMBLED at the FACTORY			
FC		Description	
2810		Modular ANPOS Kybd Spanish – Black (US, LA, EMEA only)	MFI =3AA0228410 SMU =3AA02285700
2830		Modular ANPOS w/Keylock Iron Gray US Eng - Black	MFI =3AA02284300 SMU =3AA02285900
2840		Modular CANPOS w/Touchpad/Point stick US Eng - Black	MFI =3AA02284700 SMU =3AA02286300
2850		Modular 67 Key Kybd w/Keylock - Black	MFI =3AA02284900 SMU =3AA02286500
2870		Modular 67 Key Kybd w/LCD & MSR/Keylock - Black	MFI =3AA02285200 SMU =3AA02286800
Intentionally Blank			

FEAT CODE	TOP P/N	DESCRIPTION	
COMPACT ANPOS KEYBOARDS			
2150	3AA02284400		SMU = 3AA02286000 / FRU= 3AC00986000 Compact ANPOS - US-English - BLACK
2151	3AA02284500		SMU = 3AA02286100 / FRU= 3AC00986100 Compact ANPOS – Spanish - BLACK
2152	3AA02284600		SMU = 3AA02286200 / FRU= 3AC00986200 Compact ANPOS keyboard - Canadian-French- BLACK
2153	3AA02289800		SMU = 3AA02290700 / FRU= AC00986900 Compact ANPOS - Turkey- BLACK
2154	3AA02289900		SMU = 3AA02290800 / FRU= 3AC00987000 Compact ANPOS keyboard - Brazilian Portuguese- BLACK
2155	3AA02290000		SMU = 3AA02290900 / FRU= 3AC00987100 Compact ANPOS - German- BLACK
2156	3AA02290100	<p>The Modular CANPOS keyboard includes a slightly modified 101-key layout and 32 POS extensions keys. Language specific layouts add up to 2 additional keys in the 'QWERTY' section. The keyboard integrates optional I/O devices including a Magnetic Stripe Reader, Fingerprint Reader, Keylock, and Touch/Pad Pointing Stick. All optional I/O can be easily installed in the field or pre-installed if ordered with the keyboard.</p> <p>The key layout includes a slightly modified 101-key keyboard layout and 32 additional POS keys. The modification of the 101-key layout allows the Modular CANPOS to have a narrow footprint and take up less counter space at the POS. The 32 keys are relegendable and reconfigurable. They may be labeled to match the customer's application and configured as double or single keys using provided keycaps and available blank legend sheets.</p> <p>A wide range of programming interfaces are supported to match the requirements of multiple POS applications.</p> <p>Unified POS (UPOS) drivers: OPOS and JavaPOS are available for the Keyboard, MSR, Tone, Fingerprint Reader and Keylock functions. The keyboard can also operate in a standard PC keyboard mode using only native OS drivers. In this mode the key codes for point of sale keys are configurable and I/O such as the MSR and keylock operate in 'Wedge' mode where MSR and keylock information is presented to the application as keyed data. A configuration utility is provided to allow keyboard configuration to be developed to meet the application requirements</p>	SMU = 3AA02291000 / FRU= 3AC00987200 Compact ANPOS - French- BLACK
2157	3AA02290200		SMU = 3AA02291000 / FRU= 3AC00987200 Compact ANPOS keyboard - UK English- BLACK
2250	7431220		SMU = 3AA01200500 / FRU= 3AC00611700 Compact ANPOS - US-English- Iron Gray
2251	7431222		SMU = 3AA01200700 / FRU= 3AC00611900 Compact ANPOS - UK English- Iron Gray
2252	7431223		SMU = 3AA01200800 / FRU= 3AC00612000 Compact ANPOS keyboard - French- Iron Gray
2253	7431225		SMU = 3AA01201000 / FRU= 3AC00612200 Compact ANPOS - Canadian French- Iron Gray
2254	7431221		SMU = 3AA01200600 / FRU= 3AC00611800 Compact ANPOS keyboard - Spanish- Iron Gray
2255	7431226		SMU = 3AA01201100 / FRU= 3AC00612300 Compact ANPOS - Brazilian Portuguese- Iron Gray
2256	7431224		SMU = 3AA01200900 / FRU= 3AC00612100 Compact ANPOS - German- Iron Gray
2257	7431227		SMU = 3AA01201200 / FRU= 3AC00612400 Compact ANPOS keyboard - Turkey- Iron Gray

FEAT CODE	TOP P/N	DESCRIPTION	
67-Key Keyboards			
2270	7431233		SMU = 3AA01201800 FRU= 3AC00612800 67 Key Keyboard Iron Gray
2271	3AA02284800	<p>The Modular 67-key keyboard is a matrix-style POS keyboard. It is made up of a combination of .75 inch x .75 inch keys and 1 inch x .75 inch keys. The layout is a super set of the 50-Key POS keyboard allowing migration to the new keyboard with minimal operator training or learning time. The keyboard integrates optional I/O devices including a Magnetic Stripe Reader, Fingerprint Reader or Keylock.</p> <p>All optional I/O can be easily installed in the field or pre- installed if ordered with the keyboard. It is available with a USB attachment cable.</p>	SMU = 3AA02286400 FRU= 3AC00986300 67 Key Keyboard - Black
2240	7431235	<p>All keys are considered POS keys and are relegendable and reconfigurable. The standard layout for the POS keys include a numeric pad with a calculator layout and a double key for the '0'. The customer may change the numeric pad layout to telephone type or make other modifications is required. Other POS keys may be labeled to match the customer's application and configured as double or single keys using provided keycaps and available blank legend sheets.</p> <p>The S1 and S2 keys will be a secondary function of two regular keys on each keyboard via CTRL key. Therefore, keys are not dedicated to this rarely used function. The tone function allows customization of volume and frequency dependent on the programming interfaces used.</p>	SMU = 3AA01202800 FRU= 3AC00613000 67 Key Keyboard with LCD - Iron Gray
2241	3AA02285100	<p>A wide range of programming interfaces are supported to match the requirements of multiple point of sale applications. Unified POS (UPOS) drivers: OPOS and JavaPOS are available for the Keyboard, MSR, Tone, and Keylock functions.</p> 	SMU = AA02286700 FRU= 3AC00986400 67 Key Keyboard with LCD - Black

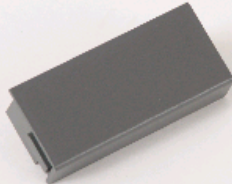
FEAT CODE	TOP P/N	DESCRIPTION	
MODULAR ANPOS KEYBOARD			
2280	7431201		SMU = 3AA01198500 FRU= 3AC00610300 ANPOS KB (US Eng) – Iron Gray
2281	3AA02283700		SMU = 3AA02285300 FRU= 3AC00985700 Modular ANPOS Kybd (US Eng)- Black
2282	7431206		SMU = 3AA01199000 FRU= 3AC00610800 ANPOS KB (Can/Fr) – Iron Gray
2283	3AA02283800		SMU = 3AA02285400 FRU= 3AC00985800 Modular ANPOS Kybd (Spanish)- Black
2284	7431203		SMU = 3AA01198700 FRU= 3AC00610500 ANPOS KB (UK Eng) – Iron Gray
2285	3AA02283900		SMU = 3AA02285500 FRU= 3AC00985900 Modular ANPOS Kybd (Can/Fr)- Black
2286	7431204		SMU = 3AA01198800 FRU= 3AC00610600 ANPOS KB (French) – Iron Gray
2287	3AA02289400		SMU = 33AA02290300 FRU= 3AC00986500 Modular ANPOS Kybd (Braz/Port)- Black
2288	7431205		SMU = 3AA01198900 FRU= 3AC00610700 ANPOS KEYBOARDKB (German) – Iron Gray
2289	3AA02289700		SMU = 33AA02290400 FRU= 3AC00986600 Modular ANPOS Kybd (German)- Black
2290	7431202	The modular ANPOS keyboard includes a standard 101-key layout and POS extensions including an additional 18 keys. Language specific layouts add up to 2 additional keys in the 'QWERTY' section. The keyboard integrates optional I/O devices including a Magnetic Stripe Reader, Keylock, and Touch/Pad Pointing Stick. All optional I/O can be easily installed in the field or pre-installed if ordered with the keyboard. The standard layout for the POS keys includes a numeric pad with a calculator layout and a double key for the '0'. The customer may change the numeric pad layout to telephone type or make other modifications as required. Other POS keys may be configured as double or single keys using provided keycaps and labeled to match the customer's application using available blank legend sheets. The S1 and S2 keys will be a secondary function of two regular keys on each keyboard via CTRL key. Therefore, keys are not dedicated to this rarely used function. The tone function allows customization of volume and frequency dependent on the programming interfaces used. A wide range of programming interfaces are supported to match the requirements of multiple POS applications. Unified POS (UPOS) drivers: OPOS and JavaPOS are available for the Keyboard, MSR, Tone, Fingerprint Reader and Keylock functions. The keyboard can also operate in a standard PC keyboard mode using only native OS drivers. In this mode the key codes for point of sale keys are configurable and I/O such as the MSR and keylock operate in 'Wedge' mode where MSR and keylock information is presented to the application as typed data. A configuration utility is provided to allow definition of the keyboard configuration to meet the application requirements. Configuration includes definition of key codes for all POS keys as well as customization of MSR operation.	SMU = 3AA01198600 FRU= 3AC00610400 ANPOS KB (Spanish) – Iron Gray
2292	7431207		SMU = 3AA01199100 FRU= 3AC00610900 ANPOS KB (Braz/Port) – Iron Gray
2293	3AA02289600		SMU = 33AA02290500 FRU= 3AC00986700 Modular ANPOS Kybd (French)- Black
2295	3AA02289700		SMU = 33AA02290600 FRU= 3AC00986800 Modular ANPOS Kybd (UK Eng)- Black

FEAT CODE	TOP P/N	DESCRIPTION	
Keyboard Optional Components			
2260	00DN732	 <p>This feature is a standard 3-Track MSR. The 3-Track MSR provides the ability to read ISO 7813 or AAMVA compliant cards. The MSR module is a pluggable option that may be installed in the field or pre- installed at the factory if ordered with the keyboard. This feature comes in iron gray to complement the keyboard.</p>	SMU = 3AA01194700 FRU = 3AC00609500 3-Track MSR Module – Iron Gray
2261	3AA02287700		SMU = 3AA02288300 FRU = 3AC00987400 3-Track MSR Module)- Black
2262	00DN734		SMU =00DN764 FRU =00DN774 JUCC MSR Module– Iron Gray WITHDRAWN – NO LONGER OFFERED AFTER Dec 31, 2020
2263	3AA02287900	 <p>The two position keylock provides an operator (or normal) position without the key and a manager position with the key. The 2-position keylock is available with 1 of 6 specifiable inserts and matches the locks used on other Toshiba products such as cash drawers. This feature comes in iron gray to complement the keyboard unit. A lock insert must be specified from #9202 through #9206 with this feature.</p> <p>NOTE: You need to order a standard keylock FC 9202-9206</p>	SMU = 3AA02288500 FRU = 3AC00987600 2-position Keylock Module - Black
2264	00DN792		SMU = 3AA01176700 FRU = 3AC00589900 2-position Keylock Module – Iron Gray
2265	3AA02288100	 <p>The touchpad/pointing device is a combination touchpad and a pointing stick along with 2 buttons. This option provides the ability to operate a GUI where required without dedicating the counter space to a mouse. This feature comes in iron gray to complement the keyboard it is attached to.</p> <p>THIS FEATURE IS NOT AVAILABLE FOR THE 67-Key Keyboards</p>	SMU = 3AA02288700 FRU = 3AC00987800 Touch Pad/Pointer Module - Black
2266	00DN846		SMU = 3AA01195100 FRU = 3AC00609900 Touch Pad/Pointer Module – Iron Gray

FEAT CODE	TOP P/N			DESCRIPTION
2268	00DN876		Windows and Linux software must be obtained from HID Technologies (formerly Crossmatch). This is the responsibility of customer. This feature is not supported on Toshiba 4690OS.	MFI = 00DN875 SMU = 3AA01194700 FRU = 3AC00609500 Fingerprint Module – Iron Gray WITHDRAWN – NO LONGER OFFERED AFTER Dec 31, 2020



KEYBOARD FILLERS – Feature Codes 1370-1380:



A filler insert is provided when any of the optional keyboard features (MSR, Keylock, or pointing device) are not selected. Factory orders will automatically default the appropriate filler insert when no optional feature is ordered with the keyboard. The snap-fit filler insert goes in the location of its counterpart feature module. Additionally, MES filler features are available as your configuration needs change after purchase of the keyboard.



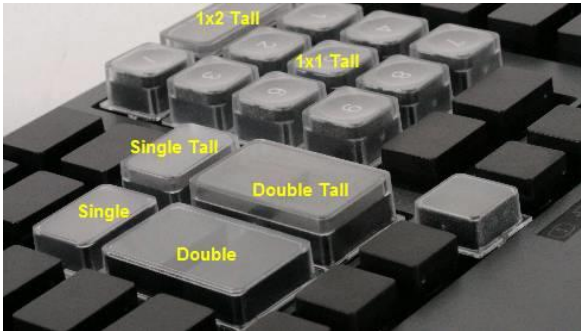
1370	46V4070 MES ONLY		This comes on any keyboard that is ordered with new machine WITHOUT the MSR. MES orders must explicitly order this	SMU = 44T4081 FRU= 46Y2356 Filler MSR – Iron Gray
1378	3AA02287800 MES ONLY			SMU = 3AA02288400 FRU= 3AC00987500 Filler MSR - Black
1374	46V4072 MES ONLY		This comes on any keyboard that is ordered with new machine WITHOUT the Touch Pad. MES orders must explicitly order this	SMU = 44T4085 FRU= 46Y2358 Filler Authentication Module – Iron Gray
1379	3AA02288000 MES ONLY			SMU = 3AA02288600 FRU= 3AC00987700 Filler Authentication Module - Black
1376	46V4074 MES ONLY		This comes on any keyboard that is ordered with new machine WITHOUT the Touch Pad. MES orders must explicitly order this	SMU = 44T4087 FRU= 46Y2360 Filler Touch Pad/Pointer – Iron Gray
1380	3AA02288200 MES ONLY			SMU = 3AA02288800 FRU= 3AC00987900 Filler Touch Pad/Pointer - Black


Intentionally Blank

FEAT CODE	TOP P/N		DESCRIPTION
Pre-Configured US-English Keyboards			
1350	7431232	 <p>THIS KEYBOARD WILL NOT FIT ON THE TCx™ 700 INTEGRATION TRAY</p>	<p>MFI = 7431232 SMU = 3AA01201700 Modular CANPOS w/Pointer US English (no MSR, no keylock, no fingerprint reader) IRON GRAY ONLY WITHDRAWN – NO LONGER OFFERED AFTER April 30, 2020</p>
1355	7431237	 <p>NOTE: You need to order a standard keylock FC 9202-9206</p>	<p>MFI = 7431237 SMU = 3AA01202000 Modular 67 Key Keyboard w/MSR & Keylock, no Pointer / Touchpad WITHDRAWN – NO LONGER OFFERED AFTER April 30, 2020</p>
1356	7431239	 <p>NOTE: You need to order a standard keylock FC 9202-9206</p>	<p>MFI = 7431239 SMU = 3AA01203000 67 Key Keyboard with LCD with MSR and Keylock, no Pointer / Touchpad WITHDRAWN – NO LONGER OFFERED AFTER April 30, 2020</p>
1351	7431215	 <p>NOTE: You need to order a standard keylock FC 9202-9206</p>	<p>MFI = 7431215 SMU = 3AA01199900 WITHDRAWN – NO LONGER OFFERED AFTER April 30, 2020</p>
Factory Integration of Spanish and US-English Keyboard Features			
1111	9991111	FOR IRON GRAY KEYBOARDS	<p>Integration of Keyboard Features. Select this feature is you wish to have optional components assembled and shipped with the keyboard. WITHDRAWN – NO LONGER OFFERED AFTER April 30, 2020</p>
1111	9991111	Effective in April 2020 , for Spanish and US English keyboards and the 67-key keyboards, both Iron Gray and Black.	<p>Integration of Keyboard Features. Select this feature is you wish to have optional components assembled and shipped with the keyboard.</p>

FEAT CODE	TOP P/N	DESCRIPTION	
Modular Keyboard Cables			
1300	51J3361	 <p>Black Cable Shown</p>	USB cable 0.7M Pebble Gray – Standard – USB™A” connector FRU & SMU =45U0011
1320	45X0501		USB cable 1.4M Black FRU & SMU =45U0016
1321	45X0503		Standard USB cable for the attachment of the Modular ANPOS, Modular CANPOS or Modular 67 Key Keyboards to the system unit. This cable is recommended for configurations where it is necessary to use the Modular ANPOS, Modular CANPOS or Modular 67 Key Keyboards to access BIOS settings in the system unit during boot-up. USB cable 3.8M Black FRU & SMU = 45U0018
1306	51J3369	 <p>Black Cable Shown</p>	12V Powered USB cable 0.7M Pebble Gray FRU & SMU = 45U0031
1324	45X0509		12V Powered USB cable 1.4M Black FRU & SMU = 45U0036
1325	45X0511		Powered USB cable for the attachment of the Modular ANPOS, Modular CANPOS or Modular 67 Key Keyboards to the system unit. NOTE: NOT FOR TCx700 Controller Models NOTE – YOU WILL NOT HAVE ACCESS TO BIOS WITH THIS CABLE. THE SUREPORTS ARE NOT ACTIVATED UNTIL LATER IN THE POWER_UP SEQUENCE. The Standard USB Cable can be plugged into a tailgate USB port for BIOS access. 12V Powered USB cable 3.8M Black FRU & SMU = 45U0038
		Intentionally Blank	
Keyboard Lens Kits			

FEAT CODE	TOP P/N		DESCRIPTION
1420	45X0516 FIELD UPGRADE or 4900-MES ONLY	 <p>This is SHIPPED with each NEW keyboard from the factory You do not need to order this with a Factory Order of a POS Terminal</p> <ul style="list-style-type: none"> 6 Clear Top (Tall) Key Caps 6 Clear Top Key Caps 42 Clear Key Caps (1.5 unit) 10 Clear Top (Tall) Key Caps 12 Function Keys 6 Key Cap Spacer Double Tall 1 Key Cap Assembly Pebble Gray '0' 1 Key Cap Assembly Pebble Gray '00' 1 Key Cap Assembly Pebble Gray '.' 1 Key Cap Assembly Pebble Gray '*' 1 Key Cap Assembly Black '0' 1 Key Cap Assembly Black '00' 1 Key Cap Assembly Black '.' 1 Key Cap Assembly Black '*' 6 Key Cap Spacer Tall Double 	<p>SMU - 46Y2370 FRU = 46T6703 Modular 67 Key Keyboard Lens Kit</p>
1421	45X0512 FIELD UPGRADE or 4900-MES ONLY	 <p>This is SHIPPED with each NEW keyboard from the factory. You do not need to order this with a Factory Order of a POS Terminal</p> <ul style="list-style-type: none"> 46 Clear Single Key Caps 4 Clear Double Key Caps 10 Clear Single Tall Key Caps 4 Clear Double Tall Key Caps 1 Spacer Polyurethane foam 4 Spacer Cap Tall Double 1 Key Cap Assembly Pebble Gray '0' 1 Key Cap Assembly Pebble Gray '00' 1 Key Cap Assembly Pebble Gray '.' 1 Key Cap Assembly Pebble Gray '*' 1 Key Cap Assembly Black '0' 1 Key Cap Assembly Black '00' 1 Key Cap Assembly Black '.' 1 Key Cap Assembly Black '*' 	<p>SMU - 46Y2341 FRU = 46T6701 MODULAR ANPOS KEYBOARD Lens Kit</p>

FEAT CODE	TOP P/N		DESCRIPTION
1422	45X0514 FIELD UPGRADE or 4900-MES ONLY	 <p>This is SHIPPED with each NEW keyboard from the factory. You do not need to order this with a Factory Order of a POS Terminal</p> <p>32 Clear Single Key Caps 4 Clear Double Key Caps</p>	<p>SMU - 46Y2342 FRU = 46T6702 Modular CANPOS Lens Kit</p>
1426	46V4110		<p>SMU - 46Y2344 FRU = 46T6704 Keyboard Key Caps - 1x1 SS (25 units)</p>
1427	46V4111		<p>SMU - 46Y2345 FRU = 46T6705 Kbd Key Caps - 1x2 (25 units)</p>
1428	46V4112		<p>SMU - 46Y2346 FRU = 46T6706 Keyboard Key Caps - 1x1 Tall (25 units) WITHDRAWN – NO LONGER OFFERED AFTER Dec 31, 2020</p>
1429	46V4113		<p>SMU - 46Y2347 FRU = 46T6707 Keyboard Key Caps - 1x2 Tall (25 units) WITHDRAWN – NO LONGER OFFERED AFTER Dec 31, 2020</p>
1430	46V4114		<p>SMU - 46Y2348 FRU = 46T6708 67 Key Keyboard Single Caps – 1x1 (25 units)</p>
1431	46V4115		<p>SMU - 46Y2349 FRU = 46T6709 67 Key Keyboard Double Caps - 1x2 (25 units)</p>
1432	46V4116		<p>SMU - 46Y2350 FRU = 46T6710 67 Key Keyboard Single Caps – 1x1 Tall (25 units) WITHDRAWN – NO LONGER OFFERED AFTER Dec 31, 2020</p>
1433	46V4117		<p>SMU - 46Y2371 FRU = 46T6711 67 Keybd Double Caps - 1x2 WT Tall (25 units) WITHDRAWN – NO LONGER OFFERED AFTER Dec 31, 2020</p>
		<p>This package of extra key caps is provided to keep on hand in case of damage to original key cap. The package contains 25 of the 1x1 or 1x2 key caps that may be used to reconfigure your keyboard layout as required.</p>	

FEAT CODE	TOP P/N	DESCRIPTION	
Legend Sheets and Accessories			
1423	45U0045	 <p>A package of blank die cut legend sheets is available to initially customize the Modular ANPOS keyboard. The package includes 6 blank sheets ready to add your specific nomenclature to as your application requires.</p>	SMU = 60G1389 ANPOS KEYBOARD KB Label - Blank
1424	45U0046		SMU = 60G1389 CANPOS KEYBOARD KB Label – Blank
1425	45U0047		SIX BLANK Sheets per package One package contains SIX sheets Warm Gray, Violet, Green, Red, Blue, Yellow SMU = 60G1314 + 60G1314 67 Key Keybd Label - Blank
Keylock Cylinders (Please refer to the Cash Drawer Section)			
ACCESSORIES			
	46V4107	WITHDRAWN – NO LONGER OFFERED AFTER Dec 31, 2020	FRU = 46Y2353 Blanking bar, 67-key black, kit of 5
	46V4109		FRU = 46Y2355 Blanking bar, ANPOS black, kit of 5
	90X9640		MSR Test Card
	93F1944		Key Puller Kit

Cash Drawers

Toshiba Global Commerce Solutions has restructured the Toshiba TCx family of products by announcing new Cash Drawer features. The Wide Cash Drawer now comes with a till: Fixed, Adjustable, and Euro till options to make ordering simplified. In addition to the new Wide Cash Drawers, Toshiba is announcing two new Black Compact Cash Drawers to complement new black products across our portfolio.

The TCx-styling of cash drawers has been in the marketplace in limited quantities since the TCx700 and TCx 800 releases in 2017-2018. This year's update standardizes on two colors (Iron Gray and Black), and has the TCx Styling of the curved bezel underneath the lock cylinder of the Wide drawers. The curve in the wide bezels provides an ergonomic access to the keylock as well as enabling a visual determination of the lock position when the drawer is mounted below the counter.

NEW: All cash drawers are now shipped with one till insert installed. The feature designations will differentiate the color, Interface, and Insert type.

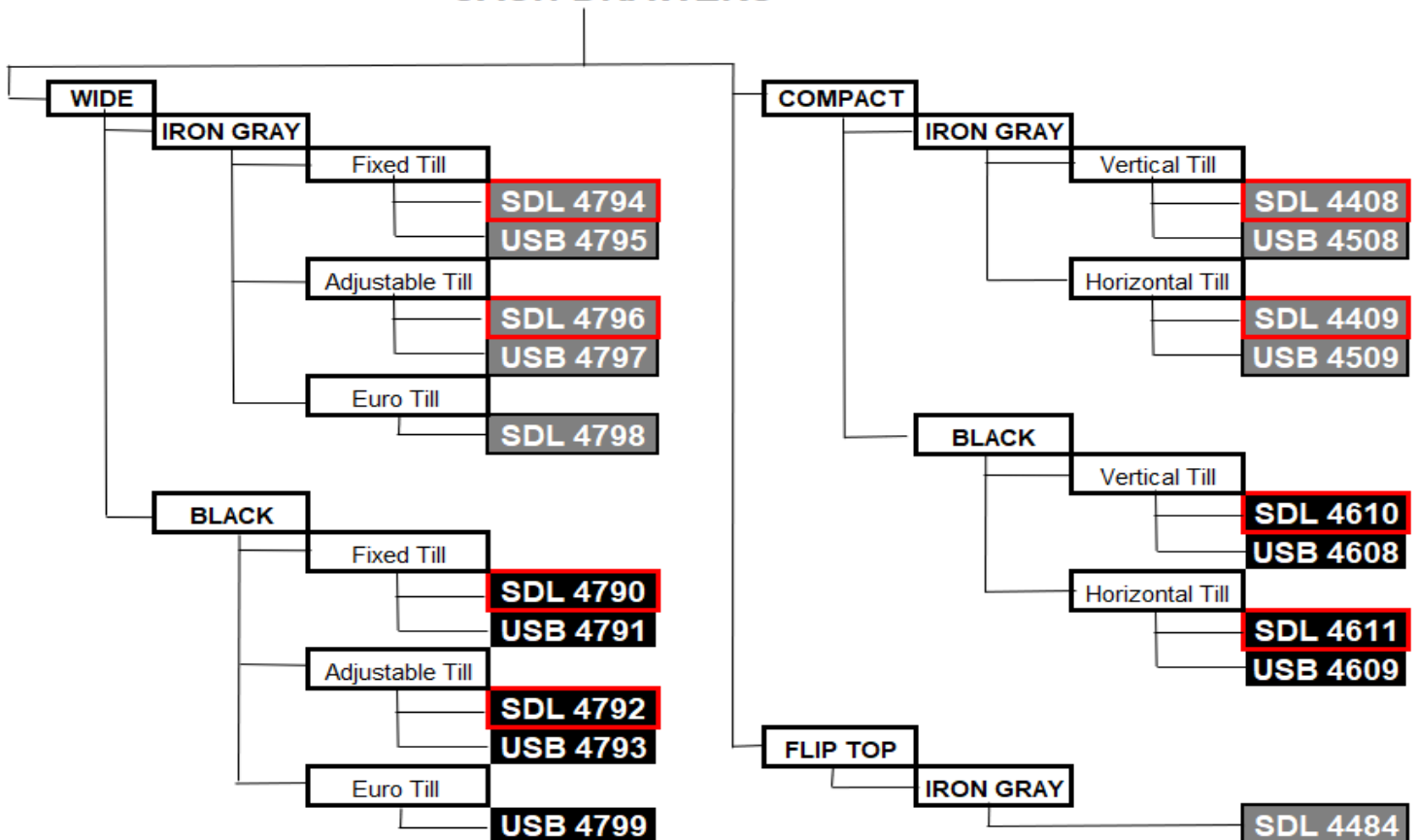
REMOVED: Storm Gray and Litho Gray colors are no longer offered.

This update will also consolidate the cable options, standardizing on the black cable jackets that match the current terminal palette.


The essential dimensions are the same as the legacy cash drawers. The wide drawer has a specified width that is 5mm less than the predecessor, however, this is due to removing the draft angle on the sides of the drawer.

IRON GRAY FEATURES WILL NOT BE AVAILABLE AFTER Dec 31, 2021

CASH DRAWERS





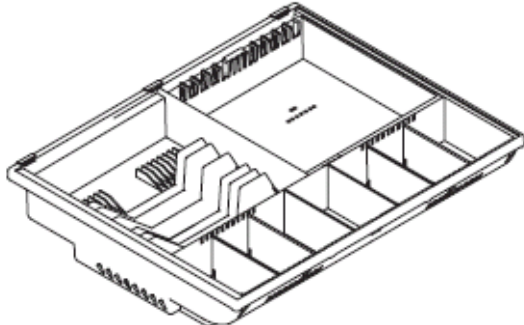

NOTE: The red box around the eight SDL features indicates that these are STANDARD features - with faster availability


FEAT CODE	TOP P/N		DESCRIPTION
4408	Co-requisites: Cables FC 4520-4525		MFI = 40N7206 SMU – 3AA01394400 Full FRU: 3AC00682800 Individual parts are noted in the I/O Service Guide. Compact Cash Drawer with ONE Vertical Till Insert. Color: IRON GRAY TCx 700 PRE-REQ – Must have either the PLUS Riser FC 7369 or the SurePort 2997
4409	Co-requisites: Cables FC 4520-4525		MFI = 40N7210 SMU – 3AA01394800 Full FRU: 3AC00683200 Compact Cash Drawer with ONE Horizontal Till Color: IRON GRAY TCx 700 PRE-REQ – Must have either the PLUS Riser FC 7369 or the SurePort 2997
4508	Co-requisites: Cables FC 4526 or 4527		MFI = 40N7207 SMU – 3AA01394500 Full FRU: 3AC00682900 Individual parts are noted in the I/O Service Guide. USBCompact Cash Drawer w/vertical till Color: IRON GRAY
4509	Co-requisites: Cables FC 4526 or 4527		MFI = 40N7211 SMU – 3AA01394900 Full FRU: 3AC00683300 Individual parts are noted in the I/O Service Guide. USBCompact Cash Drawer w/horizontal till Color: IRON GRAY
4608	Co-requisites: Cables FC 4526 or 4527		MFI = 3AA01356200 SMU – 3AA02219700 Full FRU: 3AC00788900 USBCompact Cash Drawer w/vertical till Color: BLACK
4609	Co-requisites: Cables FC 4526 or 4527	<p>The dimensions of this cash drawer are: 327.7 mm (W) x 474.5 mm (D) x 131 mm (H). It has a media slot that accommodates approximately a 5 mm stack of documents. One till insert is included with this feature.</p>	MFI = 3AA01356400 SMU – 3AA02219500 Full FRU: 3AC00788700 USBCompact Cash Drawer w/horizontal till Color: BLACK
4610	Co-requisites: Cables FC 4520-4525		MFI - 3AA01356100 SMU –3AA02219600 Full FRU: 3AC00788800 SDLCompact Cash Drawer w/vertical till Color: Black TCx 700 PRE-REQ – Must have either the PLUS Riser FC 7369 or the SurePort 2997
4611	Co-requisites: Cables FC 4520-4525		MFI - 3AA01356300 SMU –3AA02219400 Full FRU: 3AC00788600 SDLCompact Cash Drawer w/Horizontal till Color: Black TCx 700 PRE-REQ – Must have either the PLUS Riser FC 7369 or the SurePort 2997

FEAT CODE	TOP P/N		DESCRIPTION
4770	10H3370	 <p>Provides an EXTRA adjustable till for the Compact Cash Drawer. The till accommodates standard U.S. size currencies and has four adjustable currency slots and 5 coin slots. The bills stack horizontally in the till slots. A till cover is an optional feature (#4765) till and is ordered separately. One can be installed per cash drawer. This till can only be used with the Compact Cash Drawer. It is too narrow to fit properly in the Wide Cash Drawer.</p>	<p>THIS IS ONLY REQUIRED IF YOU INTEND TO HAVE MORE THAN ONE TILL INSERT</p> <p>SMU & FRU 10H3371 Lower-level FRUs are available in the I/O Service Guide Compact CD Horiz Till Insert</p>
4775	10H3330	 <p>Provides an EXTRA adjustable till for the Compact Cash Drawer. The till accommodates most major international size currencies and can be adjusted with up to seven currency slots and nine coin slots. The bills stand vertically in the adjustable bill slots. A till cover is an optional feature (#4765) for the till and is ordered separately. One can be installed per cash drawer. This till can only be used with the Compact Cash Drawer. It is too narrow to fit properly in the Wide Cash Drawer.</p>	<p>THIS IS ONLY REQUIRED IF YOU INTEND TO HAVE MORE THAN ONE TILL INSERT</p> <p>SMU & FRU 10H3331 Lower-level FRUs are available in the I/O Service Guide Compact CD Vert Till Insert</p>
4765	10H3340	 <p>The till cover fits into the Compact Cash Drawer Horizontal Till Insert (#4770) or the Compact Cash Drawer Vertical Till Insert (#4775). It provides a top that can be locked in place over the currency and coin slots of both the horizontal and vertical till cash drawer inserts. One till cover can be installed per compact cash drawer till. The Locking Till Cover for Compact Cash Drawer is too narrow to fit the Wide Tills</p>	<p>SMU & FRU 10H3341 Comp CD Locking Till Cover. (Includes One Key)</p>

FEAT CODE	TOP P/N		DESCRIPTION
4484	<p>Formerly RPQ 8Q2918</p> <p>46T7216</p> <p>Co-requisites: Cables FC 4520-4525</p>	 <p>Not Available on Controller models of the TCx 700 The internal till cover lock will be randomly assigned. There is no FRU replacement for this till-cover key. There is NO capability to have all till keys match.</p> <p>Provides an iron gray cash drawer and removable till for applications where space is limited. The top cover will flip open for access to the till and is under application program control. The dimensions of this cash drawer are 18.1 inches wide x 6.8 inches deep x 4.06 inches high (460 mm x 172 mm x 103 mm). The till insert has 8 coin and 6 bill locations with removable dividers to adjust the bill spaces. The till will accommodate a variety of currencies. The cash drawer also requires a cable for connection to the system unit. Cables are available in various lengths to support integration requirements.</p> <p>Co-requisites: Cables FC 4521, 4522 , or 4525 and Lock Inserts 9200, 9202-9206, 9218</p>	<p>SMU – 46T7217 FRU 46T7218</p> <p>Flip Top Drawer -Iron Gray – This Feature INCLUDES ONE Till and One Locking cover.</p> <p>NOTE: The PREMIUM Locks FC 4360-4380 will NOT fit into this cash drawer.</p>
4485	46T7219	 <p>Not Available on model TCx 700 Controllers Provides an additional till with locking cover to be used as a spare till or optional till to associate with a cashier. The till has adjustable bill spacers and dividers along with eight coin locations.</p>	<p>SMU – 46T7220 FRU 46T7221 EXTRA Fliptop Till & Locking Cover</p> <p>The internal till cover lock will be randomly assigned. There is no FRU replacement for this key.</p>
INTENTIONALLY BLANK			

FEAT CODE	TOP P/N	DESCRIPTION	
4790	Co-requisites: Cables FC 4520-4525 3AA01466000		Wide Cash Drawer SDL - with Fixed Till Color: BLACK SMU – 3AA01464900 FRU - 3AC00735100
4791	Co-requisites: Cables FC 4526 or 4527 3AA01466100		Wide Cash Drawer USB - with Fixed Till Color: BLACK SMU – 3AA01465100 FRU – 3AC00735200
4792	Co-requisites: Cables FC 4520-4525 3AA01466200		Wide Cash Drawer SDL - with Adj Till Color: BLACK SMU – 3AA02232300 FRU – 3AC00814300
4793	Co-requisites: Cables FC 4526 or 4527 3AA01466300	SDL Interface (FC 4790, 4792, 4794, 4796) is not available on Controller models of the TCx 700. Individual FRU Repair parts are noted in the I/O Service Guide. The Full FRU is for the complete feature replacement.	
4794	Co-requisites: Cables FC 4520-4525 3AA01466400	WIDE cash drawers include a till insert. Co-requisites: SDL or USB Cables and Lock Inserts 9200, 9202-9206, 9218, or Premium Locks FC 4360-4380	
4795	Co-requisites: Cables FC 4526 or 4527 3AA01466500	NOTE: All Wide drawers have the updated styling around the keylock area. Provides a wide cash drawer with Till Insert. The cash drawer dimensions are: 442(W) x 475(D) x 121.5(H) mm	
4796	Co-requisites: Cables FC 4520-4525 3AA01466600	The cash drawer has a media slot that accommodates an approximately 20.0mm (0.75 inch) stack of documents. Cash drawer opening is under application program control. A lock insert or a non-operating lock plug must be specified at order entry time.	
4797	Co-requisites: Cables FC 4526 or 4527 3AA01466700	The choice of a specified lock #9202 - #9206, blank plug #9200, random lock #9218 or premium keylock (#4360 -#4380) is required for the cash drawer on initial order.	
4798	Co-requisites: Cables FC 4520-4525 3AA02317000	Additionally, there are till options to select ADDITIONAL insert from Wide Cash Drawer Adjustable Till (#4870) or Wide Fixed Till (#4865), or the European till FC 4866	
4799	Co-requisites: Cables FC 4526 or 4527 3AA02316000	Wide Cash Drawer USB - with EURO Till Color: BLACK – EUROPE ONLY MFI - 3AA02316000 SMU – 3AA02330600 FRU – 3AC01072000	

FEAT CODE	TOP P/N		DESCRIPTION
4865	4783879	 <p>This till has five fixed coin and bill compartments. A locking till cover is an optional feature for the till and is ordered separately. The approximate size of the till compartments are 74mm x 190mm and the coin compartments are 74mm x 90mm. One till can be installed per Full Size Cash Drawer. This till can only be used in the Full Size Cash Drawer. It is too wide to fit in the Compact Cash Drawer.</p>	<p>THIS IS ONLY REQUIRED IF YOU INTEND TO HAVE MORE THAN ONE TILL INSERT</p> <p>SMU & FRU 4783879 Lower-level FRUs are available in the I/O Service Guide Fixed Till Insert for Full Size Cash Drawer</p>
4866	42P8020	 <p>Provides a cash till for wide cash drawers for customers who need to upgrade their cash drawers to handle the larger number of notes and coins introduced with Euro currency. This till can only be used in the Wide Cash Drawer.</p>	<p>EUROPE ONLY THIS IS ONLY REQUIRED IF YOU INTEND TO HAVE MORE THAN ONE TILL INSERT</p> <p>SMU & FRU 42P8025 Lower-level FRUs are available in the I/O Service Guide Euro Till (WIDE DRAWER ONLY)</p>
4870	4783880	 <p>This till has moveable partitions for coin and bill compartments. Four moveable bill partitions and four movable coin partitions are included. This gives you the compartments to accommodate your specific needs and currency. A till cover is an optional feature for the till and is ordered separately. This till can only be used in the Full or Wide Cash Drawer.</p>	<p>THIS IS ONLY REQUIRED IF YOU INTEND TO HAVE MORE THAN ONE TILL INSERT</p> <p>SMU & FRU 4783880 Lower-level FRUs are available in the I/O Service Guide Wide Cash Drawer Adjustable Till</p>


FEAT CODE	TOP P/N		DESCRIPTION
4875	6316718	 <p>The till cover fits into the Adjustable Till Insert for Full Size Cash Drawer or Fixed Till Insert for Full Size Cash Drawer. It provides a top that can be locked in place over the currency and coin slots of both the horizontal and vertical till inserts. One till cover can be installed per wide cash drawer till.</p>	SMU and FRU 6316718 Wide CD Locking Till Cover (Includes One Key)




Cash Drawer Cables


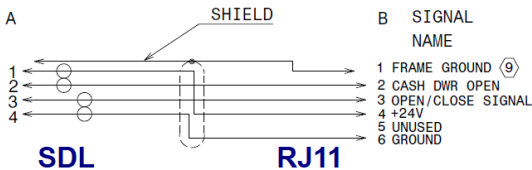

CASH DRAWER CABLE MATRIX

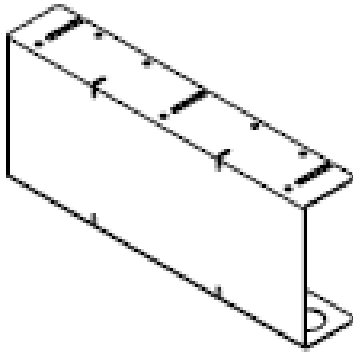



LENGTH / COLOR	SDL	Printer/SDL	USB STANDARD	USB POWERED	Adapters
150mm / Black					4523
150mm / Putty Gray					9219
0.5m / Black	4521	4524			
0.5m / Putty Gray	4580	6097			
1.12m / Putty Gray	4095				
1.12m / Black	4520				
3.8m Black	4522	4525	4526	4527	
3.8m Putty Gray	4575	3387	4511	4512	

NOTE: THE ONLY CABLES RELEASED for the 4900-7x7 family are in the WHITE cells above. The RED cells indicate cables offered with the TCx Printers (M/T 6145). The Gray cells indicate Feature Codes from prior generations that are functionally equivalent, however they are the legacy putty-gray colors. Other platforms have a subset of these cables released and orderable.

4526	80Y3665	 <p>See Functionality note below on FC 4527 Electrically equivalent to Display cable 5061 Provides a 3.8M (12.5 ft) positive latching cable to attach the cash drawer a standard USB port on the TCx™300 POS system unit when the cash drawer and system are distributed. Only one cable can be used per cash drawer.</p>	<p>MFI = 80Y3665 SMU 80Y3179 FRU 80Y3274 Cash Drawer Cable Std USB 3.8M - Black</p>
------	---------	--	--

FEAT CODE	TOP P/N		DESCRIPTION
4527	80Y3682	 <p>From a functional perspective, the POWERED cables provide a positive lock with the SurePort. The cash drawer is a 5Volt device, therefore, the drawer will function with any of cables 4511, 4512, 4526, or 4527. This is Electrically equivalent to Display cables 5060, 5062, 5063, 5097, 5560, and 5565</p> <p>Provides a 3.8M (12.5 ft) positive latching cable to attach the cash drawer to a powered USB port on the TCx™ 300 POS system unit when the cash drawer and system are distributed. Only one cable can be used per cash drawer.</p>	<p>MFI = 80Y3682 SMU 80Y3180 FRU 80Y3275 Cash Drawer Cable Pwr USB 3.8M Black</p>
4520	80Y3659		<p>MFI = 80Y3659 SMU 80Y3174 FRU 80Y3269 Cash drawer cable 1.12m - Black</p>
4521	80Y3660	<p>This requires an SDL connected drawer</p>  <p style="text-align: center;">CABLE SCHEMATIC</p>	<p>MFI = 80Y3660 SMU 80Y3175 FRU 80Y3270 Cash Drawer Cable 0.5m - Black</p>
4522	80Y3661	<p>NOTE: This cable requires the 3A Cash Drawer port</p> <p>Provides a positive latching cable to attach the cash drawer to the SDL cash drawer port(s) available with your POS System. Only one cable can be used per cash drawer.</p>	<p>MFI = 80Y3661 SMU 80Y3176 FRU 80Y3271 Cash Drawer Cable – 3.8m Black</p>


FEAT CODE	TOP P/N		DESCRIPTION																																
4524	80Y3663	 <p>This requires an SDL connected drawer – FC 4408, 4409, 4484, 4610, 4611, 4790, 4792, 4794, 4796,</p> <div data-bbox="418 625 946 793">  <p>SHIELD</p> <p>A</p> <p>B SIGNAL NAME</p> <p>1 FRAME GROUND (9)</p> <p>2 CASH DWR OPEN</p> <p>3 OPEN/CLOSE SIGNAL</p> <p>4 +24V</p> <p>5 UNUSED</p> <p>6 GROUND</p> <p>SDL</p> <p>RJ11</p> </div>	<p>SMU 80Y3178 FRU 80Y3273</p> <p>RJ11 to SDL Cash Dr Cable 0.5M - Black</p> <p>ONLY ONLY ORDERABLE on the 6145-xxx TCx Printer machine type</p>																																
4525	80Y3664	<p>This cable will not fit into any SurePort. It is designed to connect a 4610 or 6145 Printer to a cash drawer. (This does not support USB Cash drawers). This cable activates the Cash Drawer from the 4610 / 6145 Printer. It will not activate an SDL cash drawer from the TCx 800 head port.</p>	<p>SMU 80Y3177 FRU 80Y3272</p> <p>RJ11 to SDL Cash Dr Cable 3.8M - Black</p> <p>ORDERABLE on the 6145-xxx TCx Printer machine type</p>																																
4523	80Y3662	 <table border="1"> <thead> <tr> <th>RS485</th><th></th><th>RJ11</th><th></th></tr> <tr> <th>Pin #</th><th></th><th>Pin #</th><th></th></tr> </thead> <tbody> <tr> <td></td><td></td><td>1</td><td>shield/frame gnd</td></tr> <tr> <td>1</td><td>Blue</td><td>6</td><td>+24 volts</td></tr> <tr> <td>2</td><td>Red</td><td>3</td><td>cash dwr open</td></tr> <tr> <td>3</td><td>White</td><td>2</td><td>open/close signal</td></tr> <tr> <td>4</td><td>Yellow</td><td>4</td><td>ground</td></tr> <tr> <td></td><td></td><td>5</td><td>unused</td></tr> </tbody> </table>	RS485		RJ11		Pin #		Pin #				1	shield/frame gnd	1	Blue	6	+24 volts	2	Red	3	cash dwr open	3	White	2	open/close signal	4	Yellow	4	ground			5	unused	<p>SMU 80Y3657 FRU 80Y3658</p> <p>There is NO electronic alteration in this adapter</p> <p>Cash drawer to RJ11 converter (150mm) Black</p>
RS485		RJ11																																	
Pin #		Pin #																																	
		1	shield/frame gnd																																
1	Blue	6	+24 volts																																
2	Red	3	cash dwr open																																
3	White	2	open/close signal																																
4	Yellow	4	ground																																
		5	unused																																


FEAT CODE	TOP P/N	DESCRIPTION	
4570	13H9614		<p>SMU and FRU 41D9506 Cash Drawer Mount Brackets</p> <p>The Feature includes four M6x12mm screws to secure the cash drawer to the bracket. The screws to secure the bracket to the counter are not supplied.</p>
Cash Drawer and Keyboard Locks			
9200	41D9798 Iron Gray	 <p>NOTE: THIS INSERT SHOULD NOT BE USED IN THE TCx 700 SYSTEM UNIT Provides a plug for the lock slot when no lock is desired.</p>	<p>SMU and FRU 41D9799 Non-operative lock Iron Gray</p>
9212	3AA00768300		<p>SMU - 3AA00768200 FRU - 3AC00523800 Plug (Keylock replacement) Black</p>
9202	00EP034	 <p>Core Key</p> <p>The optional lock is provided for those customers who may want a lock to restrict access to the cash drawer. The customer has the choice of specifying a plug or ordering this feature. One can be installed per cash drawer or Modular Keyboard authentication module, or system unit lock (TCx700 only)</p>	<p>SMU and FRU = 4674170 Lock insert (2)</p>
9203	00EP035		<p>SMU and FRU = 4674171 Lock insert (3)</p>
9204	00EP036		<p>SMU and FRU = 4674172 Lock insert (4)</p>
9205	00EP037		<p>SMU and FRU = 4674173 Lock insert (5)</p>
9206	00EP038		<p>SMU and FRU = 4674174 Lock insert (6)</p>
9218	00EP039		<p>SMU 4674183 RANDOMLY-Assigned Keylock</p>
9521	00EP045	 <p>THIS IS NOT BACKWARD COMPATIBLE to pre-2012 production cylinders THIS IS NOT for PREMIUM LOCKS (FC 4360-4380) A Keylock Change (insert or removal) Hardware Kit is required to install any locks used on the cash drawer, printer or keyboard. The hardware Kit includes an alignment tool and a tumbler key used to remove unlocked tumblers from their sleeves. The tumbler key is NOT a master key and can only be used to remove the tumbler AFTER the tumbler has been unlocked with one of the two keys shipped with the requested keylock. A maximum of one Hardware Kit is orderable per system. Only one Hardware Kit per store is recommended.</p>	<p>SMU and FRU 00EP016 Keylock Change Kit</p>

FEAT CODE	TOP P/N		DESCRIPTION
4380	00EP040	 <p>key Integrated barrel and core</p>	SMU and FRU = 7431020 Cash Drawer Prem Lock (1)
4375	00EP041		SMU and FRU = 7431021 Cash Drawer Prem Lock (2)
4370	00EP042		SMU and FRU = 7431022 Cash Drawer Prem Lock (3)
4365	00EP043		SMU and FRU = 7431023 Cash Drawer Prem Lock (4)
4360	00EP044	<p>The PREMIUM Locks will NOT fit into keyboards.</p> <p>The Premium Lock will NOT fit onto the Flip Top cash drawers</p> <p>The optional premium lock is provided for those customers who may want another option to restrict access to the cash drawer. The lock is a 7-pin tumbler - tubular cylinder lock. Ten different lock/key combinations are available. This lock is a chargeable feature. The customer has the choice of specifying a non-chargeable standard lock or plug or ordering this feature. One can be installed per cash drawer.</p>	SMU and FRU = 7431024 Cash Drawer Prem Lock (5)

Customer Displays / Operator Displays



IRON GRAY FEATURES WILL NOT BE AVAILABLE AFTER Dec 31, 2021

FEAT CODE	TOP P/N		DESCRIPTION
5981	3AA00798100		SMU= 3AA00797300 FRU = 3AC00533000 Center-Pole Single-sided 2X20 LCD Display, Iron Gray
5983	3AA00798300		SMU= 3AA00797500 FRU = 3AC00533200 Center-Pole Double-sided 2X20 LCD Display, Iron Gray
5985	3AA00798500		SMU= 3AA00797700 FRU = 3AC00533400 sbcs FRU = 3AC00533500 Japanese FRU = 3AC00533600 Simplified Chinese FRU = 3AC00533700 Traditional Chinese FRU = 3AC00533800 Korean Center-Pole APA Display, Iron Gray
5987	3AA00809000	This feature includes the post and screws. The cable is ordered separately. Provides a single or dual-sided 2 x 20 Liquid Crystal Display (LCD) which mounts on a post in a Center Pole mount design, with independent tilt and swivel action for flexibility and for easy positioning on either the left or right side of the system unit. It can display up to 40 characters of alphabetic or numeric information or special symbols in two rows of 20 characters each. The display is suitable for viewing from a distance of up to 8 feet and from a side angle of up to 40 degrees. The characters are approximately 10mm high and white in color against a black Light Emitting Diode (LED) lit background. A post assembly is shipped with each display. It offers almost 350 degree rotation about the vertical axis, while the tilt mechanism offers + or - 25 degree rotation about the horizontal axis. The display stands 254mm (10 in) (measured to the middle of the display) when attached to the post.	SMU= 3AA00808400 FRU = 3AC00536400 sbcs FRU = 3AC00536500 Japanese FRU = 3AC00536600 Simplified Chinese FRU = 3AC00536700 Traditional Chinese FRU = 3AC00536800 Korean Center-Pole APA Display Black
5988	3AA00809100	Display format for the APA display – 160 x 36 pixels, or 2x10, 2 lines of 10 DBCS Characters or 2x20, 2 lines of 20 SBCS Characters NOTE for APA Display: The customer is expected to use the UPOS utility to download the font they want. There are FRU parts for each character set so that the SSR is not forced to load a font to make a repair.	SMU= 3AA00798000 FRU = 3AC00536000 Center-Pole Single-sided 2X20 LCD Display, Black THIS IS A STANDARD I/O FEATURE
5989	3AA00809200	NOTE for TCx 700: If you order the TCx-style covers, then you must have the Modesty Panel kit (FC 7175 or 7177) or an Integration Tray (FC 7172) or a Cash Drawer to attach this to. The basic TCx Cover DOES NOT have mounting surfaces.	SMU= 3AA00808100 FRU = 3AC00536100 Center-Pole Double-sided 2X20 LCD Display, Black

FEAT CODE	TOP P/N		DESCRIPTION
5990	00TL750		SMU = 3AA00784000 FRU = 3AC00529900 (complete) Single Sided 2x20 USB Display w/ Pole Mount, Iron Gray
5991	00TL770		SMU = 3AA00784200 FRU = 3AC00530100 (complete) Dual Sided 2x20 USB Display w/ Pole Mount, Iron Gray
5992	00TL790		SMU = 00TL791 FRU = 00TL792 sbcs FRU = 00TL793 Japanese FRU = 00TL794 Simplified Chinese FRU = 00TL795 Traditional Chinese FRU = 00TL796 Korean All Points Addressable USB Display w/ Pole Mount, Iron Gray
5996	3AA00810100	<p>This feature includes the post and screws. The cable is ordered separately as FC 506x.</p> <p>Provides a single or dual-sided 2 x 20 Liquid Crystal Display (LCD) which mounts on a post in a "Flag Pole" mount design, with independent tilt and swivel action for flexibility and for easy positioning on either the left or right side of the system unit. It can display up to 40 characters of alphabetic or numeric information or special symbols in two rows of 20 characters each. The display is suitable for viewing from a distance of up to 8 feet and from a side angle of up to 40 degrees. The characters are approximately 10mm high and white in color against a black Light Emitting Diode (LED) lit background. A post assembly is shipped with each display. It offers almost 350 degree rotation about the vertical axis, while the tilt mechanism offers + or - 25 degree rotation about the horizontal axis. The display stands 254mm (10 in) (measured to the middle of the display) when attached to the post. An Iron Gray 3-inch long Pole Display Extension Post (#5652) is also available for added flexibility in adjusting the display height.</p>	SMU= 3AA00808200 FRU = 3AC00536200 Flag-Pole Single-sided 2X20 LCD Display, Black
5997	3AA00810200	<p>NOTE for APA Display: The customer is expected to use the UPOS utility to download the font they want. There are FRU parts for each character set so that the SSR is not forced to load a font to make a repair.</p>	SMU= 3AA00808300 FRU = 3AC00536300 Flag-Pole Double-sided 2X20 LCD Display, Black
5998	3AA00808900	<p>NOTE for TCx 700: If you order the TCx-style covers, then you must have the Modesty Panel kit (FC 7175 or 7177) or an Integration Tray (FC 7172) or a Cash Drawer to attach this to. The basic TCx Cover DOES NOT have mounting surfaces.</p>	SMU= 3AA00807900 FRU = 3AC00535500 sbcs FRU = 3AC00535600 Japanese FRU = 3AC00535700 Simplified Chinese FRU = 3AC00535800 Traditional Chinese FRU = 3AC00535900 Korean Flag-Pole APA Display Black

FEAT CODE	TOP P/N		DESCRIPTION
5652	00TL830		SMU= 00TL831 FRU= 00TL832 3" Display Extension Post (Iron)
5656	3AA00809400		SMU: 3AA00808500 FRU: 3AC00536900 3" Pole Extension Post - Black
5654	00TL838	 This Feature delivers Two Iron Gray AND Two Pearl White screws	SMU and FRU 00TL839 Short Thumb Screws (23mm, M5 thread) for attachment of the 40 Char LCD USB Displays (#598x to 599x) when attaching to aCompact Cash Drawer

Display Cables

FEAT CODE	TOP P/N		DESCRIPTION
5061	00TL819	 This style is for the new FC 598x and 599x displays	SMU 00TL820 FRU 00TL821 Standard USB Cable, Black - Long (3.8m)
5060	00TL810		SMU 00TL811 FRU 00TL812 Powered USB Cable, Black - (0.65m)
5062	00TL813		SMU 00TL814 FRU 00TL815 Powered USB Cable, Black - Medium (1.8m)
5063	00TL816		SMU 00TL817 FRU 00TL818 Powered USB Cable, Black - (3.8m)

For the new 599x displays, the only functional difference between powered and un-powered is the positive latching property of the powered cable. The new displays are 5Volt devices.

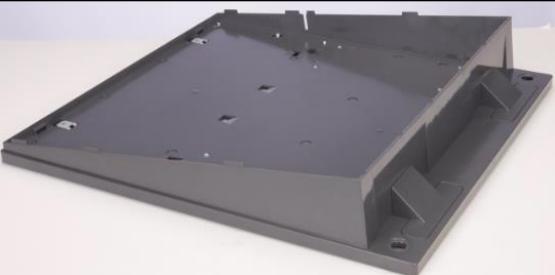




This cable connects to the aqua-colored +12VDC Powered USB latching cable to attach a USB 40 Character or APA LCD displays to a Toshiba system. One cable can be used per display. This consumes one 12V USB port, but the display only draws power from the 5Volt line.

Integrating Peripherals into a tray – NEW as of September 2020

Toshiba offers integration kits for Iron Gray system components and Black system components. The Iron Gray parts were originally designed and released to support the TCx 700 platform. The Black components have evolved to support the TCx Printers and the TCx 800 terminal. The component parts are released differently for the Iron Gray and the Black versions. The **TCx 800** product has the capability to order the Black I/O Kit directly as 6200-xxx FC **8280** and **8281**. Feature 8281 includes the special post mount for the TCx 800 along with the center filler and the black filler that surrounds the mounting post.

In September 2020, the all black integration kit was released to the TCx 700. These parts can now be ordered with a new TCx 700 order, or they can be ordered for any other terminal via the 4900-MES machine type. There is a Tech Talk video introduction to this new kit posted in [Ordering Guide Tutorials](#)

Basic Building Blocks:

IRON GRAY	BLACK	DESCRIPTION	IMAGE
BASIC PARTS – from 4900-MES			
4900-MES FC 7272	4900-MES FC 8280 or 6200-MES FC 8280	Integration Tray (for Wide Cash Drawer, Stand-alone Counter-Top, or wide TCx700 System, and Wide SurePOS 700 (7x3, 7x4))	
4900-MES FC 7241	4900-MES FC 7231 *	Center Filler – (with notch to hold a credit card) *NOTE: The black center filler is included with 6149-FC7276 (see page 31)	
4900-MES FC 7236	4900-MES FC 7237	Display Filler – For situations where you do NOT wish to mount a display onto the Integration Tray	
4900-MES FC 7227	4900-MES FC 7228	Keyboard Filler Panel for 67-key keyboard	
4900-MES FC 7226	4900-MES FC 7640 or 6200-MES FC 7640	Full-width keyboard replacement filler	

IRON GRAY	BLACK	DESCRIPTION	IMAGE
PRINTER FILLERS – from 6145-MES			
6145-MES FC 7221	6145-MES FC 7657 or 6200-MES FC 7657	Single Station Printer Filler	
6145-MES FC 7222	6145-MES FC 7656 or 6200-MES FC 7656	Dual Station Printer	
Display Mount and Filler Plate – 6149-MES			
6149-MES FC 7288	6149-MES FC 7276	<p>TCx Display Mounting post. Note: 7276 is for the 2020 announced displays only.</p> <p>NOTE: The TCx 800 has a similar feature 6200-FC8281 that includes the larger post mount for the TCx800 and its additional cables.</p> <p>The BLACK FC 7276 feature also includes the black center filler shown as FC 7231 above</p>	

BLACK KIT EXAMPLE:

The example to the left shows the TCx™ cash drawer with the black integration tray. This tray holds the TCx Display with its mount and filler, the center “credit card” filler, and the single station TCx Printer in its adapter tray.

As shown, this kit is built with:

4900-MES FC 4791, 4792, 4793, or 4794 Black Cash drawer (plus FC 920x lock cylinder)

4900-MES FC8280 Integration **Tray, Black**

4900--MES FC2281 + 2261 + 2263 + 2265 ANPOS **Keyboard Black**

TCx Printer

6145-1TN FC 2925 Black Single Station **Printer**

6145-FC 7657 Single Station **Adapter**

TCx Display

6149-B0T (or -B0N) Display

6149-FC 7276 Integrated **Arm** with Center **Filler Plate**

Cables are not configured in this example.



Revision History

- V1.0 – Jan 7, 2020 – Announcement 70279, 70280, 70281, and 70782, Initial Input New Black Keyboards and restructuring of Modular Keyboard Offering
- V1.1 – Jan 21, 2020 – Indicated the Standard I/O Features
- V1.2 – April 13, 2020 – Announced Wide cash drawers with Euro Tills installed for Europe. Added the first information on integrating systems using trays and fillers from the TCx 700 and TCx 800 systems.
- V1.2a&b – May 13, 2020 – Spelling Corrections and Clarified Cash Drawer Cable references
- V1.3 – Sept 16, 2020 - RFA 70339 – Black Integration Kit released and RFA 70347- Ptr to Cash Drawer cables
- V1.3a – Nov 1, 2020 - PN correction FC 226x
- V1.3b – Nov 16, 2020 – FC Correction FC 8280 / 7640
- V1.4 – Feb 17, 2021 – More attention on Standard Models – Page 2
- V1.5 – March 17, 2021 - RFA **70393, 70394, 70396, 70397, 70398** and **70399** –
Withdrawal of ALL Iron Gray Features effective December 31, 2021
- V1.5a - March 30, 2021 – Reinstated Iron Gray Standard Cash Drawers to be consistent with RFA 70401
- V1.5b – April 13, 2021 - Updated Cable Schematic on FC 4524/4525

Copyright © 2020

Toshiba Global Commerce Solutions, Inc. All rights reserved.

Toshiba Global Commerce Solutions, Inc.
3901 S. Miami Blvd.
Durham, NC 27703 | U.S.A.
www.toshibacommerce.com

Toshiba and the Toshiba logo are trademarks or registered trademarks of Toshiba in the United States, other countries, or both. All other trademarks and logos are the property of their respective owners. Information in this document is subject to change without notice.

Not all Toshiba products and services are available in every country