



POS MACHINES


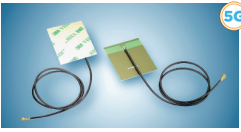
Point-of-Sale (POS) terminals play an increasingly important role in modern commerce, which follows the mass adoption of POS machines in various sectors including healthcare, hospitality, and retail. The evolution of the cashless economy and electronic payments has further boosted the growth of the global POS machine market. Portability, cost-efficiency, and superior quality stand out as key factors driving the preference for high-performance, reliable POS machines. TE Connectivity (TE) provides proven and compact connectivity solutions for fixed and mobile POS machines to address market demands and help you deliver reliability at a competitive price.

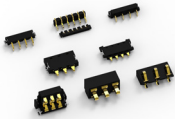
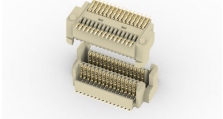
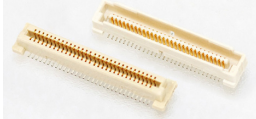


- 01 — Spring Finger Connectors
- 02 — LTE World Wide Band Antennas
- 03 — USB Type-C Connectors
- 04 — GPS Molded Stamped Antenna Connectors
- 05 — Memory Card Connectors
- 06 — Block SIM Card Connectors
- 07 — Micro SIM Card Connectors




- 08 — 0.5mm Fine Pitch Hermaphroditic Connectors
- 09 — 0.8mm Free Height Connectors
- 10 — Mobile Battery Connectors
- 11 — FPC Connectors
- 12 — Modular Jacks
- 13 — WLAN Dual Band Antenna Assembly

SOLUTIONS FOR POS MACHINES

	RF Antennas	RF Antennas	RF Antennas	Grounding Spring Finger Connectors
				
Key Part No.	2118308-1	1513634-1	2118060-1	2040852-1 1775073-1
Key Product Features	<ul style="list-style-type: none"> LTE world wide band antenna 	<ul style="list-style-type: none"> GPS molded stamped antenna 	<ul style="list-style-type: none"> WLAN dual band antenna assembly 	<ul style="list-style-type: none"> Large off-the-shelf offering of spring fingers/grounding products Available in heights as low as 0.4mm and up to 7.0mm Type: standard, side-protected, pre-loaded, ultra-low-profile The preload function nearly doubles the working area of a common spring finger and increases contact force by 0.2N.
Applications	<ul style="list-style-type: none"> All IoT applications using LTE function 	<ul style="list-style-type: none"> All IoT applications using GPS function 	<ul style="list-style-type: none"> All IoT applications using Wi-Fi dual band function 	<ul style="list-style-type: none"> Mobile phones Wearable devices Game consoles Tablets Patient monitoring devices Security systems GPS devices
Literature	RF Solution Antennas	RF Solution Antennas	RF Solution Antennas	Spring Finger Connectors

	Battery Mobile Battery Connectors	BOARD TO BOARD 0.5mm Fine Pitch Hermaphroditic Connectors	BOARD TO BOARD 0.8mm Free Height Connectors
			
Key Part No.	2108074-2 2134758-1 1932859-1	2291283-1	5084616-3 1-5177986-3
Key Product Features	<ul style="list-style-type: none"> Centerline of 2.5mm-6.5mm Various positions including 2, 3, 4, and 6 Working height ranges from 0.4mm-6.7mm Wide current rating from 1.5 Amperes to 5 Amperes 	<ul style="list-style-type: none"> Hermaphroditic "mates-to-self" design Stack heights: 4mm 24 and 30 positions are tooled, can be extended to 70 positions High speed performance up to 8 Gbps Operating temperature: -40°C - 125°C 	<ul style="list-style-type: none"> Stack heights from 4mm to 20mm 40 - 440 positions Polarized housings to prevent mis-mating Locating posts for proper positioning Tube, tray, or tape and reel packaging options
Applications	<ul style="list-style-type: none"> Mobile Phones PCs Cameras IoT Other portable devices 	<ul style="list-style-type: none"> POS devices Retail equipment Networking Instrumentation Industrial controls Medical equipment 	<ul style="list-style-type: none"> Data communications (servers/switches) Consumer electronics (monitors, displays, projectors, HMI) Automotive (Infotainment) Industrial Security
Literature	Mobile Battery Connectors	0.5mm Fine Pitch Hermaphroditic Connectors	0.8mm Free Height Connectors

SOLUTIONS FOR POS MACHINES

	FPC FPC Connectors	CARD Memory Card Connectors	CARD Micro SIM Card Connectors
			
Key Part No.	1-2328702-0 1-2328724-5	2201778-1	2822541-1
Key Product Features	<ul style="list-style-type: none"> • Pitch: 0.25mm to 1.25mm • Pin counts: 3 to 60 pins • Slant FPC insertion option to maximize PCB layout area • Low profile (less than 1mm) economical product offerings • Wide portfolio enabling high design flexibility with proven quality & reliability 	<ul style="list-style-type: none"> • Anti-buckling design • Low profile • Wide portfolio and large capacity 	<ul style="list-style-type: none"> • Connectors optimized for reliability • Anti-retention features in the contacts • Spherical contact points improve normal force
Applications	<ul style="list-style-type: none"> • Hand-held scanners • POS devices, set-top boxes, gaming consoles • Business equipment • Industrial controls, gas pumps, ATMs, slot machines • Medical equipment 	<ul style="list-style-type: none"> • Hand-held devices • POS devices • Gaming consoles • Automotive (Infotainment) • Industrial • Security 	<ul style="list-style-type: none"> • Mobile phones • Tablets • Personal computers • Ultraportable devices • Data cards • Portable GSM modems • Servers
Literature	FPC Connectors	Memory Card Connectors	Micro SIM Card Connectors

	CARD Block SIM Card Connectors	I/O USB Type-C Connectors	I/O Modular Jacks
		 	 
Key Part No.	2287217-1	2305018-2	1734795-5
Key Product Features	<ul style="list-style-type: none"> • Large portfolio covering a wide range of styles and card sizes • Anti-retention features in the contacts • Pre-loaded contacts 	<ul style="list-style-type: none"> • Standard USB 3.1 Gen2 • Real IP68 waterproof • 5A power rating • 5-10 Gbps data rate 	<ul style="list-style-type: none"> • Panel ground and PCB ground • Standard RJ45 interface • Pitch: 1.02mm • PCB tail length: 2.4mm • Connector height: 11.3mm • Performance category: Cat3
Applications	<ul style="list-style-type: none"> • Mobile phones • Tablets • Personal computers • Ultraportable devices • Data cards • Portable GSM modems • Servers 	<ul style="list-style-type: none"> • Hand-held devices • POS devices • Gaming consoles • Automotive (Infotainment) • Industrial • Security 	<ul style="list-style-type: none"> • Switches/routers • Servers/NIC • Consumer devices • Industrial control equipment
Literature	Block SIM Card Connectors	USB Type-C Connectors	Modular Jacks

 These solutions are helping to unlock the potential of 5G. Our portfolio of 5G solutions and capabilities address key challenges faced by design engineers around the world.*

te.com

* 5G ready solutions may vary within a product family. Please refer to te.com or contact your TE sales representative for additional information.

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