

Amphenol® LTW®



Head Office (Taiwan):
Amphenol LTW Technology Co., Ltd.
 9F, No.657-12, Jungjeng Road, Shinjuang City,
 Taipei County 242, Taiwan
 Tel : +886-2-2908-5626
 Fax: +886-2-2902-9787~88
 e-mail: sales@ltw-tech.com

Branch Office (China):
Amphenol Zhengri Electronic (Kunshan) Co., Ltd.
 No. 62 Da Tung Road, Peng Lang Street, Kunshan City,
 Jiangsu Province 215333, China
 Tel : +86-512-5761-0501~2
 Fax: +86-512-5761-0515
 Sales Contact: (East China) +86-512-5761-0512
 (South China) +86-755-2823-2407
 137-1383-4316

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Amphenol® LTW®

Waterproof Connector Solutions

Amphenol® LTW® Innovation in Waterproof Solution

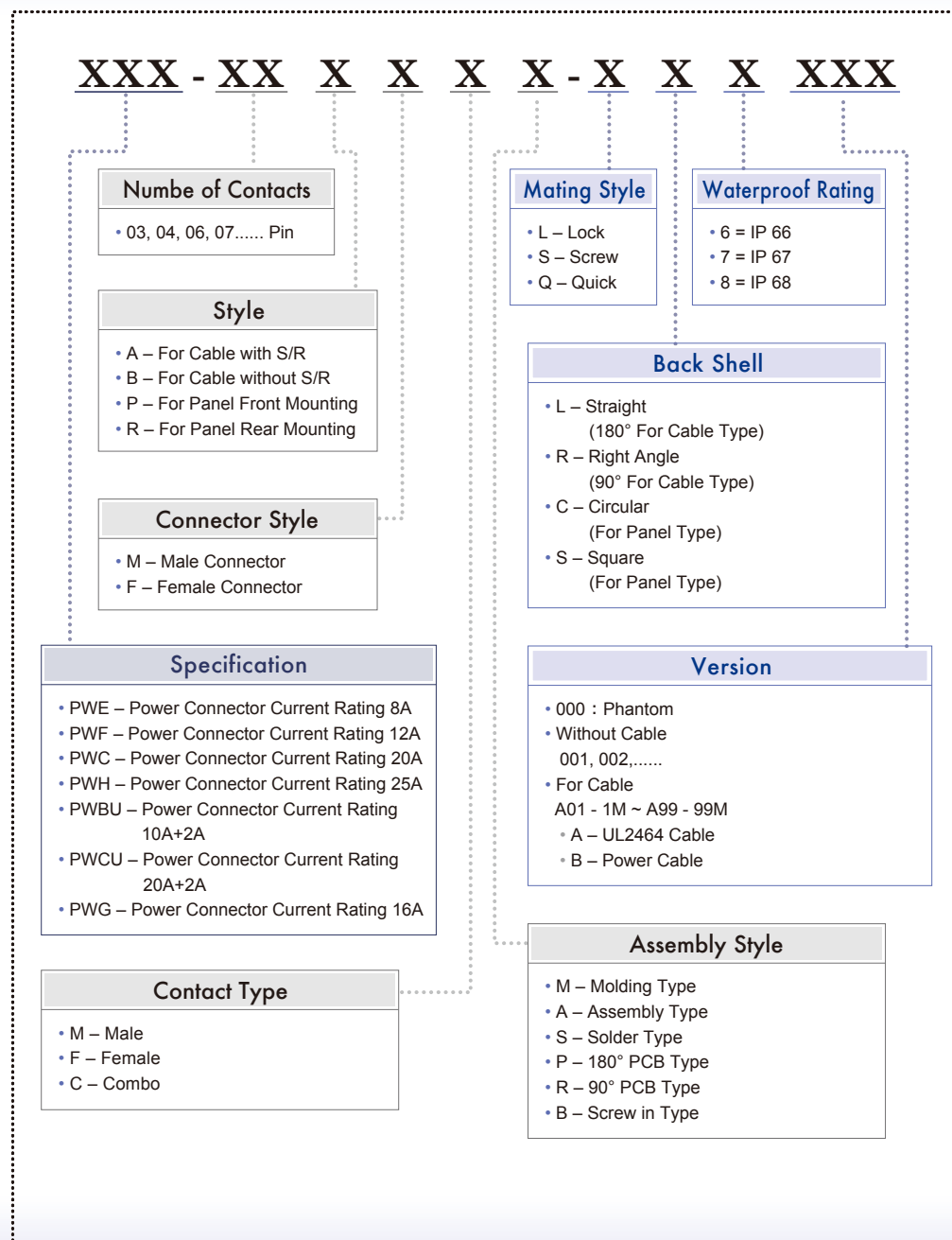


Complete Range of Waterproof Connectors & Cable Assembly

www.amphenolltw.com

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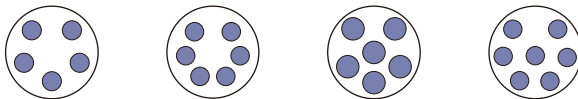
SPECIFICATIONS

No.	Specifications	Standard Value
01. Identifications		Power Connector
02. Description		Panel Mount, Molded with Cable and Field Installable
03. Current Rating / Pin Arrangements		8A : 5 to 7 12A : 2 to 4 16A : 3+PE (Screw in Type Termination) 20A : 3
04. Material		Contacts: Copper Alloy, Gold Plated 16A Available in Gold, Silver and Tin Plating Connector Body: Nylon + GF UL Recognized
05. Temperature Range		Cable: -20°C to +80°C Connector Body: -40°C to +105°C
06. Waterproof Rating		IP67
07. Contact Resistance		5mΩ
08. Insulation Resistance		≥100MΩ at DC 250V
09. Durability		500 Times
10. Breakdown Voltage		≥AC 1000V / 1 Minute
11. Standard Cable Length (for Molded Cable)		1–99M (Standard Cable: UL2464 PVC Jacket or Power Cable)
12. Field Installable		All Solder Contacts Unless And Otherwise Indicated

CONTACT PIN ARRANGEMENT

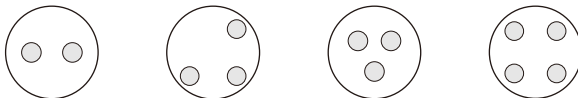
8A Current

Size is between C and D size



12A Current

Size is between C and D size



16A Current

Size is between C and D size



20A Current

C size



20A+2A Current

Size is over E size

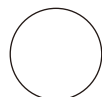


25A Current

C size



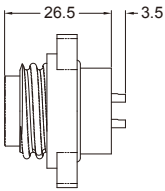
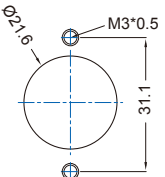
○ 2A ● 8A ● 12A ● 16A ○ 20A ○ 25A

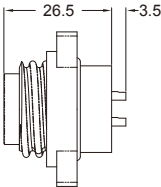
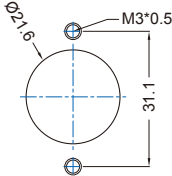


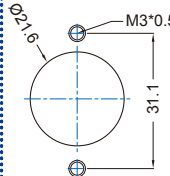
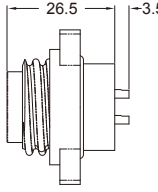
Female Connector Female Pin
Male Connector Male Pin

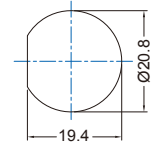
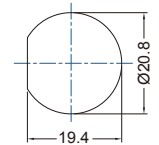


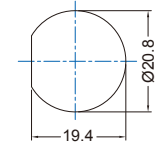
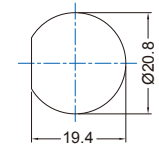
Female Connector Male Pin
Male Connector Female Pin

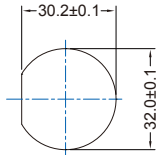
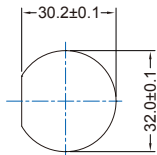
Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 LTWPWE-PMMS-SC7001 FEATURES: • Male Connector • Front Mounting • IP 67 • Solder Contacts • 8A: 5 to 7 Pins • UL Approved	 PANEL CUT-OUT	 LTWPWE-AFFM-SL7AX FEATURES: • Female Connector • In-line Molded Type (Cable to Cable or Cable to Field Installable) • With SR • IP 67 • 8A: 5 to 7 Pins	LTWPWE-BFFA-SL7001 FEATURES: • Female Connector • Solder Contacts • In-line Field Installable (Field Installable to Field Installable or Cable to Field Installable) • Without SR • IP 67 • 8A: 5 to 7 Pins • UL Approved	
		 LTWPWE-AMMM-SL7AX FEATURES: • Male Connector • In-line Molded Type (Cable to Cable or Cable to Field Installable) • With SR • IP 67 • 8A: 5 to 7 Pins	LTWPWE-BMMA-SL7001 FEATURES: • Male Connector • Solder Contacts • In-line Field Installable (Field Installable to Field Installable or Cable to Field Installable) • Without Cable • IP 67 • 8A: 5 to 7 Pins • UL Approved	
 LTWPWE-PFFS-SC7001 FEATURES: • Female Connector • Front Mounting • IP 67 • Solder Contacts • 8A: 5 to 7 Pins • UL Approved	 PANEL CUT-OUT			

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 PANEL CUT-OUT 	LTWPF-PMMS-SC7001 FEATURES: - Male Connector - Front Mounting - IP 67 - Solder Contacts 12A: 2 to 4 Pins - UL Approved		LTWPF-AFFM-SL7AX FEATURES: - Female Connector - In-line Molded Type (Cable to Cable or Cable to Field Installable) - With SR - IP 67 12A: 2 to 4 Pins	
			LTWPF-BFFA-SL7001 FEATURES: - Female Connector - Solder Contacts - In-line Field Installable (Field Installable to Field Installable or Cable to Field Installable) - Without SR - IP 67 12A: 2 to 4 Pins	
 PANEL CUT-OUT 	LTWPF-PFFS-SC7001 FEATURES: - Female Connector - Front Mounting - IP 67 - Solder Contacts 12A: 2 to 4 Pins - UL Approved		LTWPF-AMMM-SL7AX FEATURES: - Male Connector - In-line Molded Type (Cable to Cable or Cable to Field Installable) - With SR - IP 67 12A: 2 to 4 Pins	
			LTWPF-BMMA-SL7001 FEATURES: - Male Connector - Solder Contacts - In-line Field Installable (Field Installable to Field Installable or Cable to Field Installable) - Without Cable - IP 67 12A: 2 to 4 Pins	

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 PANEL CUT-OUT 	LTWPG-04PFFB-SC FEATURES: - Male Connector, Screw Type Lock - Panel Type, Nylon + GF Material - IP 67 - Male Pins 16A (3+PE)		LTWPG-04BMMB-SL FEATURES: - Male Connector, Screw Type Lock - Straight Assembly Type, Nylon + GF Material - IP 67 - Male Pins 16A (3+PE)	
			LTWPG-04BMMB-SR FEATURES: - Male Connector, Screw Type Lock - Right Angle Assembly Type, Nylon + GF Material - IP 67 - Male Pins 16A (3+PE)	
 PANEL CUT-OUT 	LTWPG-04PMMB-SC FEATURES: - Female Connector, Screw Type Lock - Panel Type, Nylon + GF Material - IP 67 - Female Pins 16A (3+PE)		LTWPG-04BMMB-SL FEATURES: - Female Connector, Screw Type Lock - Straight Assembly Type, Nylon + GF Material - IP 67 - Female Pins 16A (3+PE)	
			LTWPG-04BMMB-SR FEATURES: - Female Connector, Screw Type Lock - Right Angle Assembly Type, Nylon + GF Material - IP 67 - Female Pins 16A (3+PE)	

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 PANEL CUT-OUT 	LTWPMC-03RMMS-LC7001 LTWPMC-03RMMS-LC7002 FEATURES: • Panel Male Connector, Lock Type • Rear Mounting • IP 67 • 20A (2+PE) • Solder Type, Male Contacts • UL and TUV Approved: LTWPMC-03RMMS-LC7002	 LTWPMC-03AFFM-LL7AXX FEATURES: • Female Connector • In-line Molded Type • With SR • 20A (2+PE) Female Contacts • IP 67		
		 LTWPMC-03BFFA-LL7001 FEATURES: • Female Connector • Field Installable • 20A (2+PE) Female Contacts • IP 67		
 PANEL CUT-OUT 	LTWPMC-03RMFS-LC7001 LTWPMC-03RMFS-LC7002 FEATURES: • Panel Male Connector, Lock Type • Rear Mounting • IP 67 • 20A (2+PE) • Solder Type, Female Contacts • UL and TUV Approved: LTWPMC-03RMFS-LC7002	 LTWPMC-03AFMM-LL7AXX FEATURES: • Female Connector • In-line Molded Type • With SR • 20A (2+PE) Male Contacts • IP 67		
		 LTWPMC-03BFMA-LL7001 FEATURES: • Female Connector • Field Installable • 20A (2+PE) Male Contacts • IP 67		

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 PANEL CUT-OUT 	LTWPWCU-04RMMS-LC7001 LTWPWCU-04RMMS-LC7002 FEATURES: • Panel Male Connector, Lock Type • Rear Mounting • IP 67 • 20A*3+2A Male Contacts • Solder Type • UL and TUV Approved: LTWPWU-03RMMS-LC7002	 LTWPWCU-04AFFM-LL7AXX FEATURES: • Female Connector • In-line Molded Type • With SR • 20A*3+2A Female Contacts • IP 67		
 PANEL CUT-OUT 	LTWPWCU-04RMFS-LC7001 LTWPWCU-04RMFS-LC7002 FEATURES: • Panel Male Connector, Lock Type • Rear Mounting • IP 67 • 20A*3+2A Female Contacts • Solder Type • UL and TUV Approved: LTWPWU-03RMFS-LC7002	 LTWPWCU-04AFMM-LL7AXX FEATURES: • Female Connector • Male Contact • In-line Molded Type • With SR • 20A*3+2A Male Contacts • IP 67		

Male Connector		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 PANEL CUT-OUT 	LTWPTH-03PMMB-SC7001 FEATURES: • Panel Male Connector • Screw Type • Front Mounting • 25A (2+PE) • IP 67 • Screw in Type Male Contacts		LTWPTH-03AFFM-SL7AXX FEATURES: • Female Connector • Screw Type with SR • Molded with Cable • 25A (2+PE) Female Pins • IP 67	
 PANEL CUT-OUT 	LTWPTH-03AMMM-SL7AXX FEATURES: • Screw Type with SR • Molded with Cable • 25A (2+PE) Male Pins • IP 67			

Данный компонент на территории Российской Федерации

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

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На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9