



An Innovative Total Solutions Company

Phone: 520 203 7211

Email: info@hmwsgroup.com

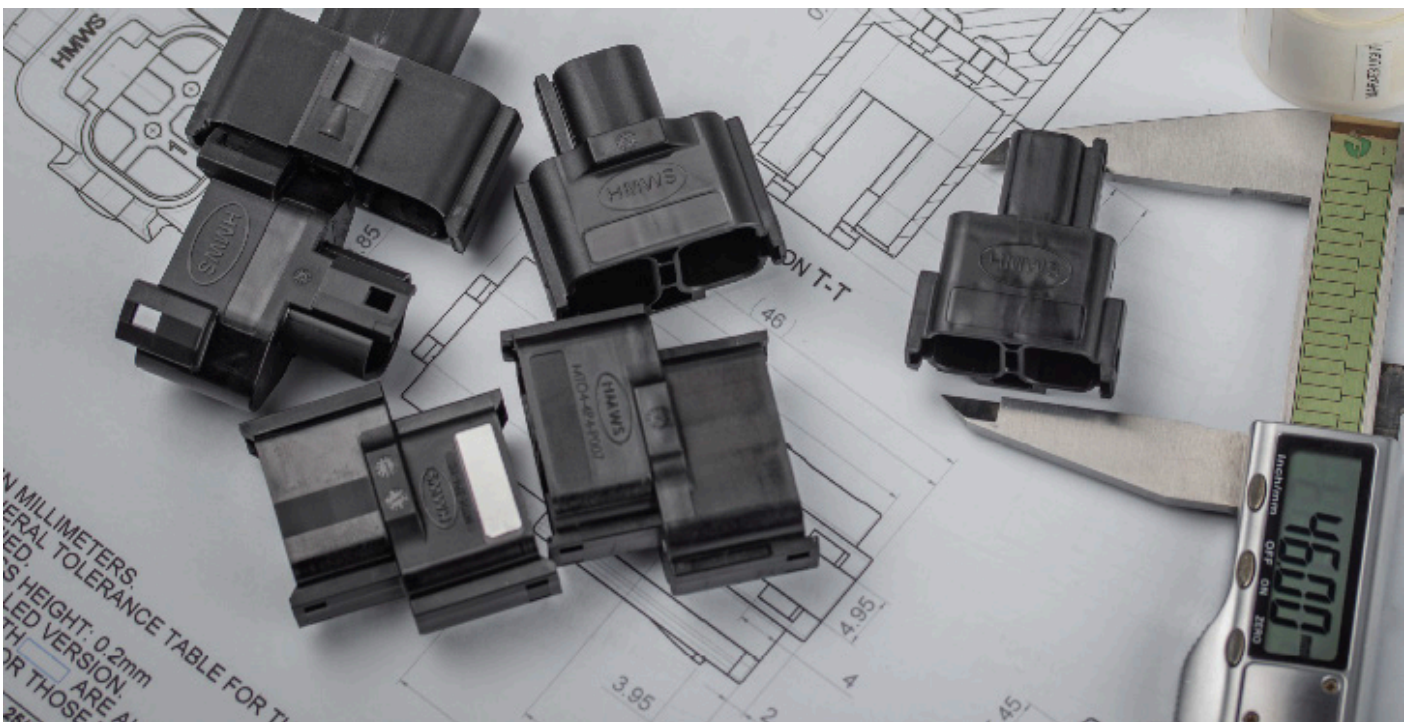
HMWS MT Series: Splitter Receptacle Connector



HMWS | MT Series Splitter Receptacle Connector

Product Overview

HMWS is known for its innovative solutions. The latest Product group ready for release is the HMWS Power and Data Splitters. The First release of this product group, sees HMWS Creating several Power and Data splitters currently not available in the market, to assist with the plug and play philosophy. which has many advantages including removing or greatly reducing the ever-challenging requirement for skilled technicians, while creating straightforward and fast wiring installations, all the while maintaining the flexibility to add and change wiring layout using the plug and play philosophy at will when combined with the "Plug-n-Play" electrical architecture philosophy, this product group solves many industry problems and creates the most serviceable and easy to fit wiring solution in the market.



HMWS | MT Series: Splitter Receptacle Connector

Product Description

Streamlining connectivity with user-friendly plug and play installation. These innovative splitter receptacle connectors offer simplified wiring setups and the flexibility to adapt layouts as needed

HMWS Splitter Receptacle Connector offers:

- Housing recess for recommended label facilitation.
- Clip mounting design to accommodate industry standard clips
- Available with power indicator LED's.
- Options for contact plating: Nickel and Gold (for data transfer).
- Part numbered for easy configuration identification.
- LED-colored configuration for easy diagnostic.
- IP68 when mated to HMWS mating connector.
- Tested to Mil spec standards 202H and SAE J2030.



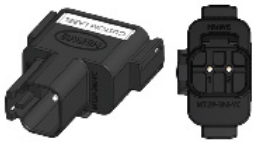
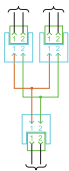

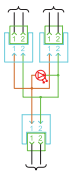

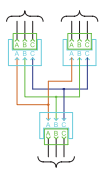

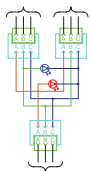

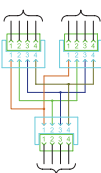

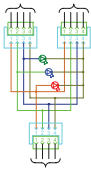
Product Features

Housing	PA66-GF15
Cap	POM
Contact size	#16
Current Contact Rating	13 Amps @ 125°C
Operating Temperature	-55°C to +125°C



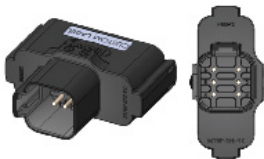
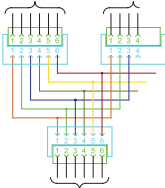

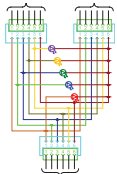
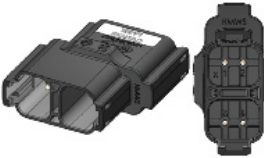
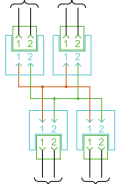

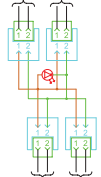

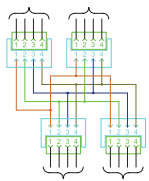

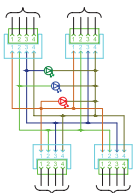
HMWS | MT Series: Splitter Receptacle Connector

Product Specification

IMAGE	PART NUMBER	PART NAME	DESCRIPTION	CIRCUIT DIAGRAM
	MT2P-3Ni-YC	2 Way Receptacle Splitter Connector	2 solid contact terminals (Nickel/Gold plated) , 3 positions, No.16 contact size	
	MT2P-3AU-YC			
	MT2P-3Ni-YCLED	2 Way Receptacle Splitter Connector LED	2 solid contact terminals (Nickel/Gold plated) , 3 positions, No.16 contact size, power indicator light	
	MT3P-3Ni-YC	3 Way Receptacle Splitter Connector	3 solid contact terminals (Nickel/Gold plated) , 3 positions, No.16 contact size	
	MT3P-3AU-YC			
	MT3P-3Ni-YCLED	3 Way Receptacle Splitter Connector LED	3 solid contact terminals (Nickel/Gold plated) , 3 positions, No.16 contact size, power indicator light.	
	MT4P-3Ni-YC	4 Way Receptacle Splitter Connector	4 solid contact terminals (Nickel/Gold plated) , 3 positions, No.16 contact size	
	MT4P-3AU-YC			
	MT4P-3Ni-YCLED	4 Way Receptacle Splitter Connector LED	4 solid contact terminals (Nickel/Gold plated) , 3 positions, No.16 contact size, power indicator light	

HMWS | MT Series: Splitter Receptacle Connector

Product Specification

IMAGE	PART NUMBER	PART NAME	DESCRIPTION	CIRCUIT DIAGRAM
	MT6P-3Ni-YC	6 Way Receptacle Splitter Connector	6 solid contact terminals (Nickel/Gold plated) , 3 positions, No.16 contact size	
	MT6P-3AU-YC			
	MT6P-3Ni-YCLED	6 Way Receptacle Splitter Connector LED	6 solid contact terminals (Nickel/Gold plated) , 3 positions, No.16 contact size, power indicator light.	
	MT2P-4Ni-YC	2 Way-Quad Receptacle Splitter Connector	2 solid contact terminals (Nickel/Gold plated) , 4 positions, No.16 contact size	
	MT2P-4AU-YC			
	MT2P-4Ni-YCLED	2 Way-Quad Receptacle Splitter Connector LED	2 solid contact terminals (Nickel/Gold plated) , 4 positions, No.16 contact size, power indicator light.	
	MT4P-4Ni-YC	4 Way-Quad Receptacle Splitter Connector	4 solid contact terminals (Nickel/Gold plated) , 4 positions, No.16 contact size	
	MT4P-4AU-YC			
	MT4P-4Ni-YCLED	4 Way-Quad Receptacle Splitter Connector LED	4 solid contact terminals (Nickel/Gold plated) , 4 positions, No.16 contact size, power indicator light.	

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MT2P-3Ni-YC



MT3P-3Ni-YC



MT4P-3Ni-YC



MT6P-3Ni-YC



MT2P-4Ni-YC















MT4P-4Ni-YC

Sticker Labels - Brady Printers

IMAGE	DESCRIPTION	PART NUMBER
	i7100 printer	14904
	R6006 ribbon	55754
	B-483 labels Roll of 2000, Size 6.35 x 25mm	881032
	B-483 labels Roll of 2000, Size 6.35 x 20mm	881033

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Product Testing

<div><div>DIELECTRIC VOLTAGE WITHSTAND TEST</div><div></div><div>CHECKED</div></div>	<div><div>THERMAL CHAMBER TEST</div><div></div><div>CHECKED</div></div>	<div><div>ULTRAVIOLET TEST</div><div></div><div>CHECKED</div></div>	<div><div>INSULATION RESISTANCE TEST</div><div></div><div>CHECKED</div></div>	<div><div>CONTACT RESISTANCE TEST</div><div></div><div>CHECKED</div></div>	<div><div>SUBMERSION TEST</div><div></div><div>CHECKED</div></div>
<div><div>ELECTRICAL LOAD TEST</div><div></div><div>CHECKED</div></div>	<div><div>DURABILITY TEST</div><div></div><div>CHECKED</div></div>	<div><div>VIBRATION TEST</div><div></div><div>CHECKED</div></div>	<div><div>SHOCK TEST</div><div></div><div>CHECKED</div></div>	<div><div>IMPACT TEST</div><div></div><div>CHECKED</div></div>	<div><div>MATING UNMATING FORCE TEST</div><div></div><div>CHECKED</div></div>

Product tested and validated using Military Standard 202H (ELECTRONIC AND ELECTRICAL COMPONENT PARTS) and SAE J2030 (Heavy-Duty Electrical Connector Performance Standard) test procedures.