

HARWIN

New Product Announcement



Datamate **Mix-Tek**

OFF THE SHELF

High-reliability Power and Signal Connectors from stock

Features

- Standard off-the-shelf versions of the popular Datamate Mix-Tek range
- Choice of power only (2 - 10 contacts), or signal and power combinations (2 - 12 signal, with 2 or 4 power)
- Vertical PC Tail Male connectors, with the option of board-mount fixings
- Female cable connectors for 12 AWG power and 24-28 AWG signal
- Current rating of 20A for power contacts, 3A for signal
- Fully RoHS compliant and ideal for COTS requirements

Benefits

- Miniature connector system with high performance contacts reduces space and weight
- Mixes high power and signal contacts in the same secure connection
- Stocked in depth by Harwin
- Rugged connectors for safety-critical applications
- Suited for use in harsh environments where high vibration, shock and extremes of temperature are experienced
- Free-of-charge samples, 3D CAD models and online Live Help

Applications



- Robotics
- Commercial & Military Aerospace
- UAV's
- Avionics
- Rail & Transportation
- Medical
- Oil & Gas
- Space
- Military Vehicles

Part Numbers

- Browse www.harwin.com/mix-tek-ots
- See next page for full part number listings

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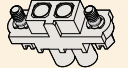




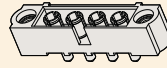

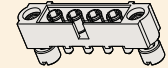

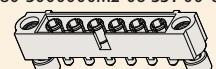

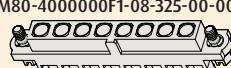
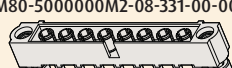
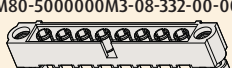


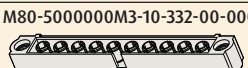

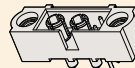

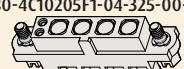

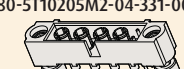


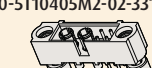
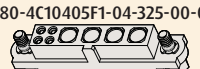


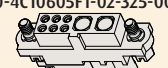
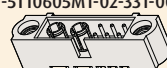
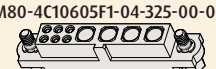




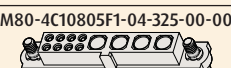

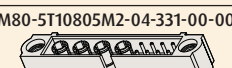


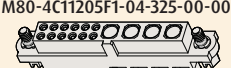
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HARWIN

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	Female Connectors		Male Connectors		
	Hexagonal slotted jackscrew		Jackscrew with 3.5mm board-mount	Jackscrew with 5mm board-mount	
Contact Arrangement	2 Power	M80-4000000F1-02-325-00-000 	M80-5000000M1-02-331-00-000 	M80-5000000M2-02-331-00-000 	M80-5000000M3-02-332-00-000 
	4 Power	M80-4000000F1-04-325-00-000 	M80-5000000M1-04-331-00-000 	M80-5000000M2-04-331-00-000 	M80-5000000M3-04-332-00-000 
	6 Power	M80-4000000F1-06-325-00-000 		M80-5000000M2-06-331-00-000 	M80-5000000M3-06-332-00-000 
	8 Power	M80-4000000F1-08-325-00-000 		M80-5000000M2-08-331-00-000 	M80-5000000M3-08-332-00-000 
	10 Power	M80-4000000F1-10-325-00-000 		M80-5000000M2-10-331-00-000 	M80-5000000M3-10-332-00-000 
	2 Signal, 2 Power	M80-4C10205F1-02-325-00-000 	M80-5T10205M1-02-331-00-000 	M80-5T10205M2-02-331-00-000 	
	2 Signal, 4 Power	M80-4C10205F1-04-325-00-000 	M80-5T10205M1-04-331-00-000 	M80-5T10205M2-04-331-00-000 	
	4 Signal, 2 Power	M80-4C10405F1-02-325-00-000 	M80-5T10405M1-02-331-00-000 	M80-5T10405M2-02-331-00-000 	
	4 Signal, 4 Power	M80-4C10405F1-04-325-00-000 	M80-5T10405M1-04-331-00-000 	M80-5T10405M2-04-331-00-000 	
	6 Signal, 2 Power	M80-4C10605F1-02-325-00-000 	M80-5T10605M1-02-331-00-000 		
	6 Signal, 4 Power	M80-4C10605F1-04-325-00-000 	M80-5T10605M1-04-331-00-000 	M80-5T10605M2-04-331-00-000 	
	8 Signal, 2 Power	M80-4C10805F1-02-325-00-000 	M80-5T10805M1-02-331-00-000 		
	8 Signal, 4 Power	M80-4C10805F1-04-325-00-000 	M80-5T10805M1-04-331-00-000 	M80-5T10805M2-04-331-00-000 	
	12 Signal, 2 Power	M80-4C11205F1-02-325-00-000 	M80-5T11205M1-02-331-00-000 		
12 Signal, 4 Power	M80-4C11205F1-04-325-00-000 	M80-5T11205M1-04-331-00-000 