

test interface EasyMate

Specifications



Electrical Specifications

Insulator	DR48
Insulation Resistance (500 VDC)	>5 G Ω
Breakdown between contacts	2000 VAC
Current Rating	5A
Contacts	25 microns gold over nickel
Contact resistance	3 m Ω
Operating Temperature	0 - 50°F (-18 to 86° C)
Life	2000 cycles

Part Numbers

EasyMate 500 Point Interface	100229
EasyMate Connector 10 Pins	100230-010
EasyMate Connector 20 Pins	100230-020
EasyMate Connector 30 Pins	100230-030
EasyMate Connector 40 Pins	100230-040
EasyMate Connector 50 Pins	100230-050
EasyMate Connector 60 Pins	100230-060
EasyMate Connector 70 Pins	100230-070
EasyMate Connector 80 Pins	100230-080
EasyMate Connector 90 Pins	100230-090
EasyMate Connector 100 Pins	100230-100
Interface Receptacle	301385-001
Connector Pin	510727-003

For more information

For the name of your representative or more information on:

- Technical specifications
- Pricing
- Services
- Other products
- Authorized sales and service agents

Please contact:

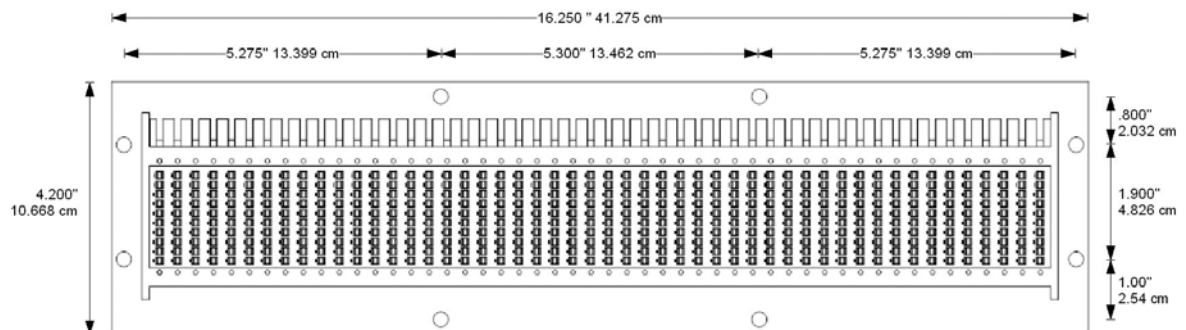
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Mounting Dimensions



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The EasyMate uses 10 pin modules to form the connector.

Flexible

Adaptation from the test equipment to your product just got simpler. The EasyMate connector system utilizes modular blocks so that you can match the test system interface to the unit under test connector. This results in simple, one to one, interface cables which can easily be used on multiple units under test.

The EasyMate connector system is the perfect test interface for wire harness shops, assembly testing and maintenance depots where a common inventory of test adapters is needed.

Affordable

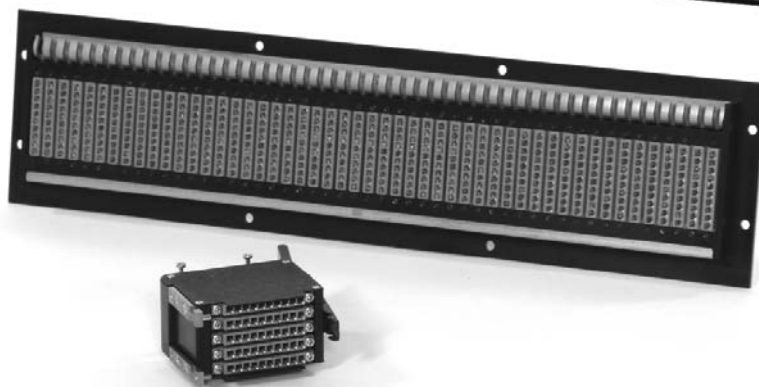
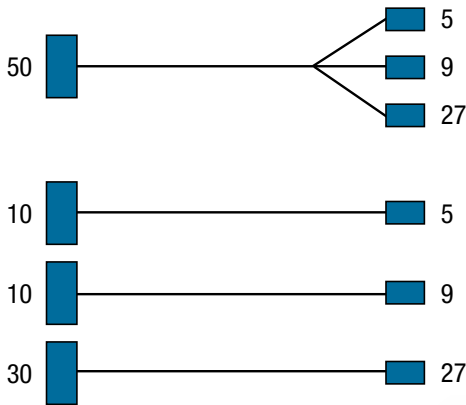
Unlike other interfaces, the EasyMate is configured in 10 point increments reducing wasted test points and resulting in lower cost. Build your adapters using from 10 up to 100 contact connectors. Simplification of adapter cable design is realized due to the one-to-one design of the adapters. No longer must you design complicated, multiple branched test adapters.

Built to Last – Simple Operation

EasyMate is manufactured with a robust metal body to resist damage and withstand rough treatment. Operators will appreciate the quick insertion with one downward motion and low insertion force. The latch retains the connection during the testing.

The contacts are plated with twenty-five microns of gold over copper to provide a reliable electrical contact with low resistance. The insertion of the connector creates a wiping action resulting in a low current capable connection.

Traditional connectors require complex branched cables while the EasyMate allows for simple one-to-one cables.



The test interface module contains 500 contacts while the plugs range from 10 to 100 pins.



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