

# EasyMate

## MODULAR CONNECTION SYSTEM

DIT-MCO's EasyMate strip header offers a modular, convenient way to adapt from your tester to your Device Under Test (DUT).

### What Is EasyMate?

EasyMate is comprised of a female, strip-style connector mounted on the front panel of your tester into which male EasyMate adapter cables are plugged. Typical configuration is 50 rows x 10 contacts per row for 500 point strips, although different configurations are available.

EasyMate is configurable in 10 pin increments.



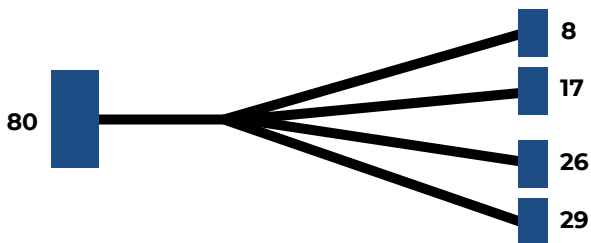
### Advantages of EasyMate

- Replace octopus adapter cables with individual adapter cables
- More flexible
- Modular
- Easily repairable
- Cost effective
- Rugged, long-lasting

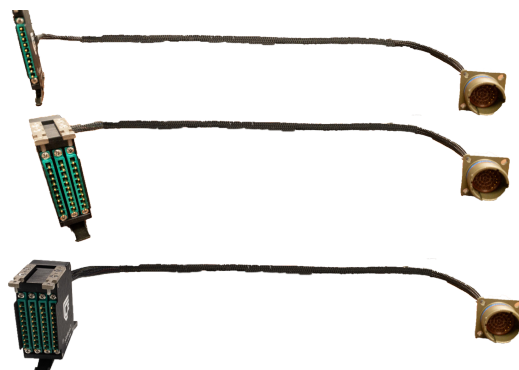
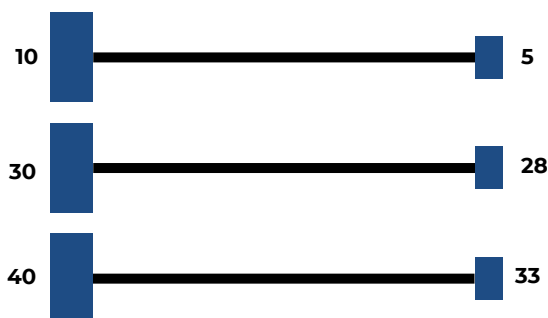
### When Does EasyMate Make Sense?

- You change adapter cables frequently
- You have low-point-count UUT connectors
- You have many different connectors spread over different octopus cables
- You frequently add points to adapter cables due to ECO's
- You regularly have to repair/replace damaged/broken pins in UUT connectors

### GO FROM THIS - BRANCHED/OCTOPUS CABLES



### TO THIS - ONE-TO-ONE ADAPTER CABLES



## EasyMate-HD (Heavy Duty)

EasyMate-HD (heavy duty) 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.

### Electrical Specifications

Insulator	Polycarbonate 20%GF
Insulation Resistance	>5 G $\Omega$
Breakdown between contacts	2000 VAC
Current Rating	5A
Contacts	25 microns gold over nickel
Contact Resistance	3 m $\Omega$
Operating Temperature	0 - 50°F (-18 to 86° C)
Life	2000 cycles

### EasyMate Part Numbers

EasyMate 500 Point Interface	100100229-500
EasyMate Connector 10 Pins	100100190-010
EasyMate Connector 130 Pins	100100190-130
EasyMate Connector xxx Pins	100100190-xxx

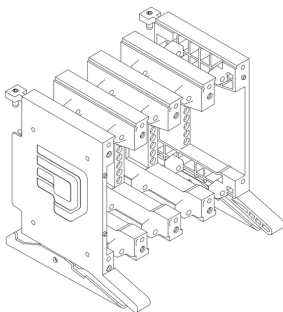
\*For connectors 20-120, follow above pattern

Interface Receptacle	300301385-001
Connector Pin	500510727-003

### EasyMate-HD Part Numbers

EasyMate-HD Connector 10 Pins	100230-010
EasyMate-HD Connector 130 Pins	100230-130
EasyMate-HD Connector xxx Pins	100230-xxx

\*For connectors 20-120, follow above pattern



### 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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