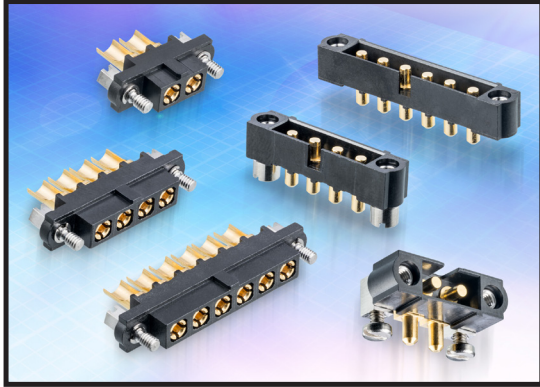




New Product Announcement



Datamate

Datamate High Power Contacts

Features

- 40A Nominally (see de-rating chart below)
- Gold plated to 30u" (0.76um) for Aerospace applications
- Suitable for use with 10awg MIL-W-16878/4 (Type E) and NEMA HP-3 Type E wire
- Standard off-the-shelf versions of the popular Datamate Mix-Tek range
- Fully RoHS compliant and ideal for COTS requirements

Benefits

- High current rating over a wide temperature range.
- Gold plated contacts offer high durability
- Meets customer demand for high current contacts in a compact space
- Miniature connector system with high performance contacts reduces space and weight
- Suited for use in harsh environments where high vibration, shock and extremes temperatures are experienced

Part Numbers - Off The Shelf

Female Cable

- M80-4000000F1-02-PF5-00-000
- M80-4000000F1-04-PF5-00-000
- M80-4000000F1-06-PF5-00-000

Male, Jackscrew Only, Vertical

- M80-5000000M1-02-PM1-00-000
- M80-5000000M1-04-PM1-00-000
- M80-5000000M1-06-PM1-00-000

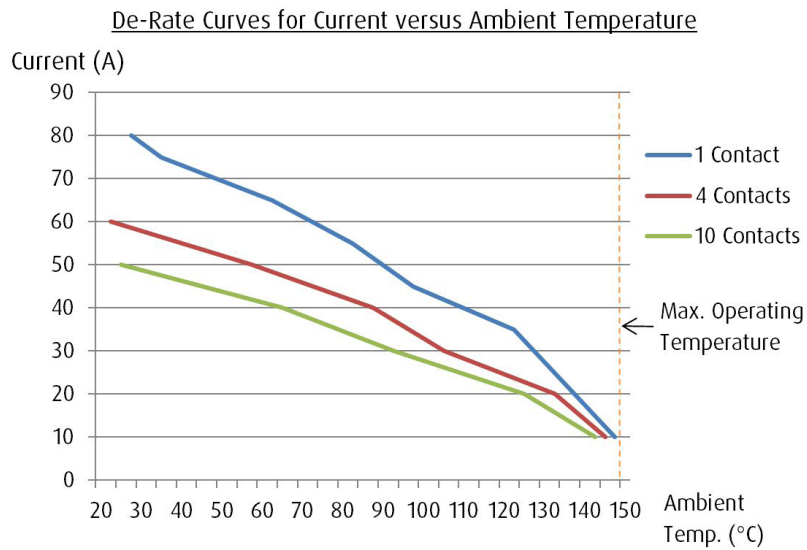
Male Jackscrew w/ Board Mount, Vertical

- M80-5000000M2-02-PM1-00-000
- M80-5000000M2-04-PM1-00-000
- M80-5000000M2-06-PM1-00-000

Male Jackscrew w/ Board Mount, Horizontal

- M80-5000000M5-02-PM3-00-000
- M80-5000000M5-04-PM3-00-000
- M80-5000000M5-06-PM3-00-000

De-rating Chart



Applications



- Aircraft flap actuators
- Avionics rotary & linear actuators
- Aircraft Wiper motor control
- Auto pilot control



- Radar and weapons systems.
- Industrial machine control
- Any application where a high current is used particularly at high temperatures.

Harwin North America
Salem, New Hampshire, USA
E: misboston@harwin.com
T: +1 603 893 5376

Harwin Europe
Portsmouth, Hampshire, UK
E: mis@harwin.co.uk
T: +44 (0) 23 9231 4545

Email: technical@harwin.co.uk

Harwin Germany
E: chahn@harwin-de.com
T: +49 (0) 81 712 59 6991

Harwin Asia
Singapore
E: mis@harwin.com.sg
T: +65 6 779 4909

Email: samples@harwin.co.uk

HARWIN

Website: www.harwin.com