

## STANDARD DATA MP-62 SERIES / MP - 65 SERIES

|                                   |  | VALUE  |                     |
|-----------------------------------|--|--|---------------------|
| <b>GENERAL CHARACTERISTICS</b>    | Number of contacts                       | 39   | 61                  |
|                                   | Number of channels                       | 12   | 20                  |
|                                   | Termination                              | Solder                                       |                     |
|                                   | Wire Gauge - Stranded Wire               | 37 x 24AWG-20AWG<br>2 x 20AWG-16AWG          | 24AWG-20AWG         |
|                                   | Environmental                            | Complies with EU RoHS 2 Directive 2011/65/EU |                     |
| <b>ELECTRICAL CHARACTERISTICS</b> | Operating Voltage at Sea level - DC      | 600V*  |                     |
|                                   | Operating Voltage at Sea level - AC      | 600V*  |                     |
|                                   | Test Voltage AC RMS                      | 1500V  |                     |
|                                   | Current Carrying Capacity                | 37 x 7.5A<br>2 x 13A                         | 7.5A                |
|                                   | Insulation Resistance                    | 5000MΩ                                       |                     |
| <b>CLIMATIC CHARACTERISTICS</b>   | Protection Class                         | IP67 (when mated)                            |                     |
|                                   | Operating Temperature                    | -55°C to +125°C (-67°F to +257°F)            |                     |
| <b>MECHANICAL CHARACTERISTICS</b> | Cable Retention                          | PG Gland / NPT Thread                        |                     |
|                                   | Mechanical Operations                    | 500 mating cycles (minimum)                  |                     |
| <b>MATERIALS</b>                  | Connector / Shell Finish                 | Aluminium Alloy / Black                      |                     |
|                                   | Insert                                   | Neoprene                                     |                     |
|                                   | Male pin contact machined - Plating      | Brass / Gold plated                          |                     |
|                                   | Female socket contact machined - Plating | Brass / Gold plated                          |                     |
| <b>CLAMPING CHARACTERISTICS</b>   | PG Gland                                 | 16   | 21                  |
|                                   | Cable Clamping range mm (inches)         | 9-14 (0.35"-0.55")                           | 13-18 (0.51"-0.70") |

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\*Not suitable for domestic applications above 50V

