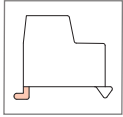


## MD120 Connector, Plug



### DIMENSIONS/POSITIONS

### MD120-500

|                         |   |
|-------------------------|---|
| Pitch                   | 5.00mm  |
| Poles                   | 2 ~ 20Poles   |
| Dimension A             | 5.00mm  |
| Length                  | $A = 5.00 \times (P-1) + 5.50 \text{mm} (P \geq 2)$ |
| Housing Material        | PA 66   |
| Cage Clamp              | Brass, Tin Plated                                   |
| Contact                 | Phosphor Bronze, Tin Plated                         |
| Screw Thread            | M2.6, Steel, Zinc Plated                            |
| Wire Size               | 14 ~ 22AWG  |
| Tightening Torque, Max. | 2.75 Lb-in  |
| Operating Temperature   | -40°C to +105°C                                     |

### TECHNICAL DATA

|   |                    |
|---|--------------------|
| Connection in acc. with standard EN-VDE |                    |
| Nominal Current $I_N$                   | 12A                |
| Nominal Cross Section                   | 1.5mm <sup>2</sup> |
| Maximum load current                    | 12A                |
| Insulating Material                     | PA                 |
| Inflammability class acc. to UL94       | V0                 |
| Nominal voltage, UL/CUL                 | 300V               |
| Nominal current, UL/CUL                 | 12A                |

