

M5 Panel-Mount Receptacle, Pre-Wired Leads

M5 panel-mount receptacle with pre-wired single leads. Male or female, straight front or rear mount. 3 or 4 pins. Leads 0.3, 0.5 or 1.0 m.



ORDERING CODE

M5-[3P/4P]-[M/F]-ST-[FR/RR]-WL-[length]

CONNECTOR

M5 × 0.5, male or female

MOUNTING

Straight front or rear mount

PINS

3 or 4

PANEL THREAD

By style (see notes)

TERMINATION

Pre-wired single leads: 0.3, 0.5 or 1.0 m

CONSTRUCTION

Termination	Pre-wired single leads
Locking	M5 × 0.5 screw
Contacts	Brass, gold plated
Nut and shell	Brass, nickel plated
Insert	TPU
Panel thread	Male front and all rear mount: M5 × 0.5 · female front: M7 × 0.75
Lead wire	0.14 mm ² (26 AWG)

RATINGS

3-pin M5	60 V · 1 A
4-pin M5	60 V · 1 A

GENERAL

Operating temp.	–25 to +85 °C
Current rating at	40 °C
Insulation resist.	≥ 100 MΩ
Contact resist.	≤ 5 mΩ
Mating cycles	> 100
Compliance	RoHS / REACH

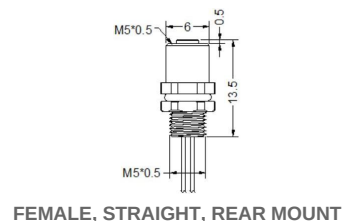
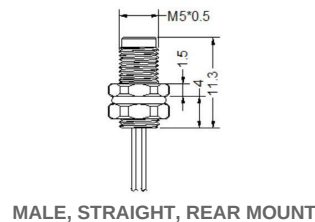
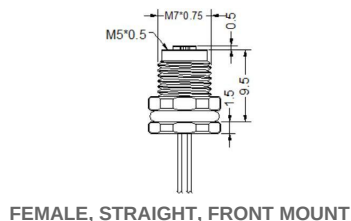
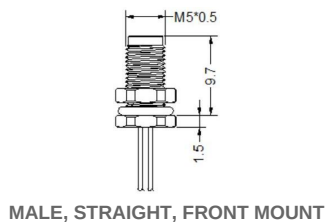
BUILT TO ORDER

Standard versions ship in about 5 to 6 weeks. Request a quote on formrep.com or call 816-782-7800.

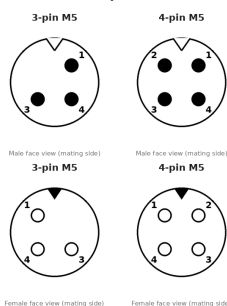
NEED SOMETHING DIFFERENT?

Other lead lengths and pin counts may be available. Ask for a made-to-fit quote.

Dimensions, pin layouts and ordering



PIN LAYOUTS, FACE VIEW (MATING SIDE); MALE TOP ROW, FEMALE BOTTOM ROW



ORDERING CODE

M5 - **4P** - **F** - **ST** - **FR** - **WL** - **0M5**

M5 3P or 4P M = male, F = female ST FR = front, RR = rear pre-wired single leads 0M3, 0M5, 1M0 lead

Example: M5-4P-F-ST-FR-WL-0M5 = 4-pin M5 female straight receptacle, front mount, pre-wired single leads, 0.5 m leads.

STANDARD CONFIGURATIONS (24)

M5-3P-M-ST-FR-WL-0M3	M5-4P-M-ST-FR-WL-1M0	M5-4P-M-ST-RR-WL-0M5	M5-4P-F-ST-FR-WL-0M3	M5-3P-F-ST-RR-WL-1M0
M5-3P-M-ST-FR-WL-0M5	M5-3P-M-ST-RR-WL-0M3	M5-4P-M-ST-RR-WL-1M0	M5-4P-F-ST-FR-WL-0M5	M5-4P-F-ST-RR-WL-0M3
M5-3P-M-ST-FR-WL-1M0	M5-3P-M-ST-RR-WL-0M5	M5-3P-F-ST-FR-WL-0M3	M5-4P-F-ST-FR-WL-1M0	M5-4P-F-ST-RR-WL-0M5
M5-4P-M-ST-FR-WL-0M3	M5-3P-M-ST-RR-WL-1M0	M5-3P-F-ST-FR-WL-0M5	M5-3P-F-ST-RR-WL-0M3	M5-4P-F-ST-RR-WL-1M0
M5-4P-M-ST-FR-WL-0M5	M5-4P-M-ST-RR-WL-0M3	M5-3P-F-ST-FR-WL-1M0	M5-3P-F-ST-RR-WL-0M5	