

**SERIES:** CPM1206 | **DESCRIPTION:** M12 FIELD ASSEMBLY CONNECTOR**FEATURES**

- M12 male connector
- A & B code versions
- straight
- zinc alloy body
- shielded
- solder termination
- IP67

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage	2, 3, & 4 pole models			250	V
	5 pole models			60	V
	8, 12 & 17 pole models			30	V
rated current	2, 3, 4, & 5 pole models			4	A
	8 pole model			2	A
	12 & 17 pole models			1.5	A
withstanding voltage	for 1 minute,				
	2, 3, & 4 pole models		2,500		Vac
	5 pole models		1,500		Vac
	8, 12 & 17 pole models		800		Vac
contact resistance				5	mΩ
insulation resistance	at 500 Vdc for 1 minute	100			MΩ
operating temperature		-40		80	°C
life		500			cycles
flammability rating	see material table				
RoHS	yes				
IP level	IP67 (in mated condition)				

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for 1-3 seconds	430		450	°C

PART NUMBER KEY**CPM1206 - XXX - 02 - MST - M9 - 67**

Base Number

No. of Poles:

02A = 2 (A-Coding)

03A = 3 (A-Coding)

04A = 4 (A-Coding)

05A = 5 (A-Coding)

05B = 5 (B-Coding)

08A = 8 (A-Coding)

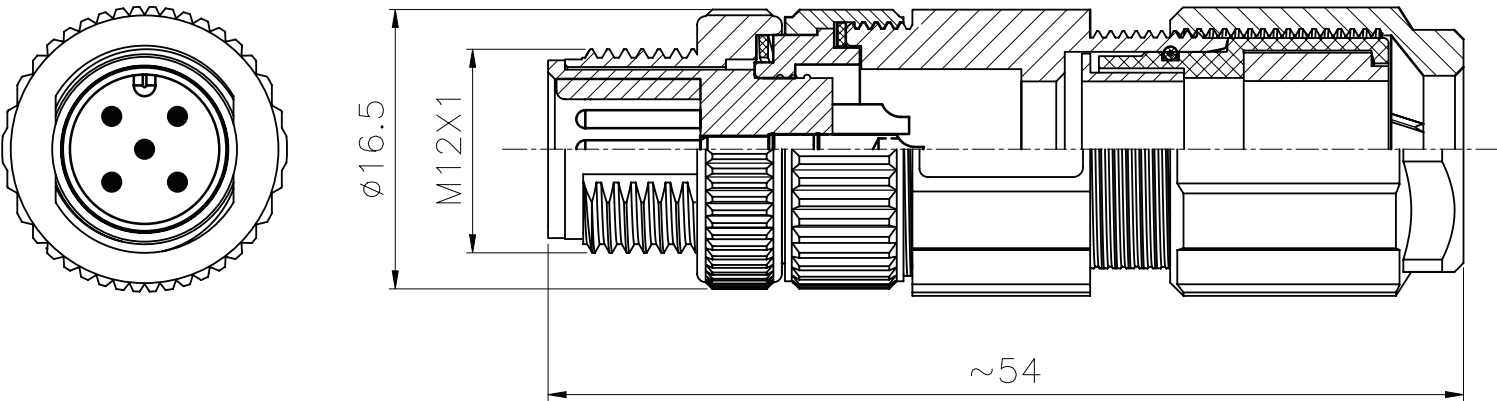
12A = 12 (A-Coding)

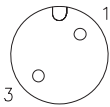
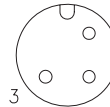
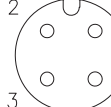
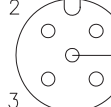
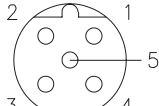
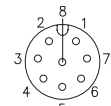
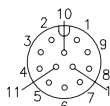
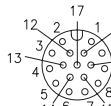
17A = 17 (A-Coding)

MECHANICAL DRAWING

units: mm
tolerance:
≤10.0: ±0.1 mm
10.0<X≤20.0: ±0.20 mm
20.0<X≤50.0: ±0.50 mm
unless otherwise noted

DESCRIPTION	MATERIAL	PLATING/COLOR
housing	zinc alloy	nickel
terminals; male	brass	gold
housing; male	PA66 [UL94V-0]	black
nut	zinc alloy	nickel
o-ring	NBR	black



No. of Poles	2	3	4	5
Coding	 A-Coding	 A-Coding	 A-Coding	 A-Coding
Wire Size	22 AWG	22 AWG	22 AWG	22 AWG
Suitable Cable	OD: Ø6~8 mm	OD: Ø6~8 mm	OD: Ø6~8 mm	OD: Ø6~8 mm
No. of Poles	5	8	12	17
Coding	 B-Coding	 A-Coding	 A-Coding	 A-Coding
Wire Size	22 AWG	24 AWG	26 AWG	26 AWG
Suitable Cable	OD: Ø6~8 mm	OD: Ø6~8 mm	OD: Ø6~8 mm	OD: Ø6~8 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	08/13/2025
1.01	factory location change	07/06/2026

The revision history provided is for informational purposes only and is believed to be accurate.



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

sameskydevices.com