

**date** 12/18/2023

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# SERIES: CDM508 | DESCRIPTION: M5 CONNECTOR

#### **FEATURES**

- M5 female connector
- A Code
- panel mount
- IP67







#### **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage				60	V
rated current				1	А
withstanding voltage for 1 minute			600		Vac
contact resistance				5	mΩ
insulation resistance	at 500 Vdc for 1 minute	100			МΩ
insertion/withdrawal force		0.3		1.5	kgf
operating temperature		-25		80	°C
life		100			cycles
safety approvals compliant with IEC61076-2-105					
flammability rating see material table					
RoHS yes					
IP level IP67 (in mated condition)					
packaging carton size: 280 x 225 x 340 mm					

### **SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
hand soldering	for 1~3 second		380	,	°C

## **PART NUMBER KEY**

<u>CDM508</u> - <u>XXX</u> - FT - R505 - 67

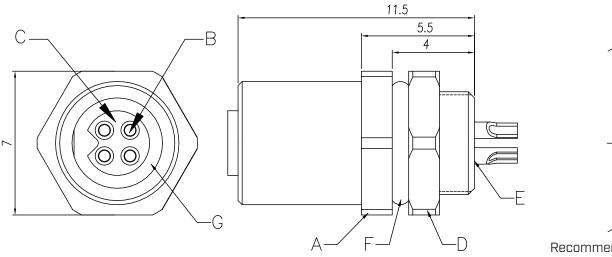
Base Number No. of Poles:

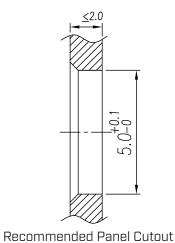
03A = 3 (A-Coding) 04A = 4 (A-Coding)

# **MECHANICAL DRAWING**

units: mm tolerance:  $0.5<X\le6.0$ :  $\pm0.1$  mm  $6.0<X\le30.0$ :  $\pm0.2$  mm unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
Α	M5x0.5 screw	brass	nickel
В	terminals; female	brass	gold
С	housing; female	PA66 (UL94V-0)	black
D	M5x0.5 nut	brass	nickel
Е	resin	epoxy resin	black
F	o-ring	FKM	black
G	o-ring	FKM	black





No. of Poles	3	4
Coding	3O O4 Of A-Coding	30 04 20 01 A-Coding
Wire Size	26 AWG	26 AWG

#### **REVISION HISTORY**

rev.	description	date
1.0	initial release	12/18/2023

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



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