Additional Resources: Product Page



SERIES: CDM1208 | DESCRIPTION: M12 CONNECTOR

FEATURES

- M12 female connector
- A & D code versions
- panel mount
- IP67





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
	3 & 4 pole models			250	V
rated voltage	5 pole model			60	V
	8 & 12 pole models			30	V
	3, 4, & 5 pole models			4	А
rated current	8 pole model			2	А
	12 pole model			1.5	A
withstanding voltage	for 1 minute		1,500		Vac
contact resistance				10	mΩ
insulation resistance	at 500 Vdc for 1 minute	100			MΩ
insertion/withdrawal force		0.3		3.0	kgf
operating temperature		-25		80	°C
life		100			cycles
safety approvals	compliant with IEC61076-2-101				
flammability rating	see material table				
RoHS	yes				
IP level	IP67 (in mated condition)		·		
	tray QTY: 30 pcs				
packaging	carton size: 275 x 235 x 335 mm				
	carton QTY: 450 pcs				

SOLDERABILITY

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parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 3 seconds	260	280	300	°C

PART NUMBER KEY

<u>CDM1208</u> - <u>XXX</u> - FP - R9 - 67

Base Number

No. of Poles D3A = 3 (A-Coding) D4A = 4 (A-Coding) D4D = 4 (D-Coding) D5A = 5 (A-Coding) D8A = 8 (A-Coding) 12A = 12 (A-Coding)

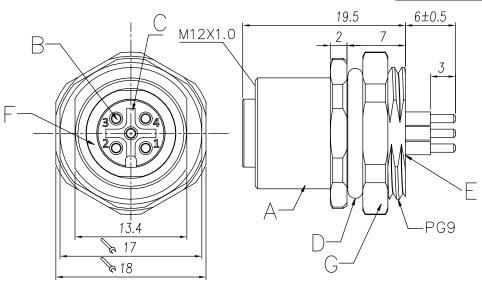
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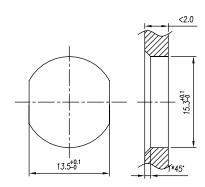
MECHANICAL DRAWING

units: mm tolerance: 0.5<X≤6.0: ±0.1 mm 6.0<X≤30.0: ±0.2 mm unless otherwise noted

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ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
А	M12x1.0 screw	brass	nickel
В	terminals; female	brass	gold
С	housing; female	PA66 (UL94V-0)	black
D	o-ring	FKM	black
E	resin	epoxy resin	black
F	o-ring	FKM	green
G	PG9 nut	brass	nickel





Recommended Panel Cutout

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No. of Poles	3	4	4	5	8	12
Coding	A-Coding	30 04 20 01 A-Coding	20 04 20 05 D-Coding	30 04 05 20 01 A-Coding	A-Coding	A-Coding
Pin Diameter	1.0 mm	1.0 mm	1.0 mm	1.0 mm	0.8 mm	0.6 mm
Recommended PCB Layout Top View	4 01.2x3 (55) 0 1 1 1	4 01.224 5 0 0 1 0 1 0	*50 3 4 1124 +5 0 0 2 1	4 0125 5 0 3 4 0125 5 0 0 1 5 0 2 1	4 55 866 1 10 10 10 10 10 10 10 10 10 10 10 10 10	45.8 45.8 45.8 45.8 45.8 45.8 45.8 45.8

REVISION HISTORY

rev.	description	date
1.0	initial release	12/13/2021
1.01	logo, datasheet style update	08/05/2022
1.02	added D-Code model	05/09/2024
1.03	CUI Devices rebranded to Same Sky	09/12/2024

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

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