

**SERIES:** CDM520 | **DESCRIPTION:** M5 CABLE**FEATURES**

- M5 molded female cable connector
- A Code
- angled
- IP67
- 1, 2 & 3 meter length options

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage				60	V
rated current				1	A
withstanding voltage	for 1 minute		600		Vac
contact resistance				5	mΩ
insulation resistance	at 500 Vdc for 1 minute	100			MΩ
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]				

**PART NUMBER KEY****CDM520 - XXX - 01FRA - XX - 67**

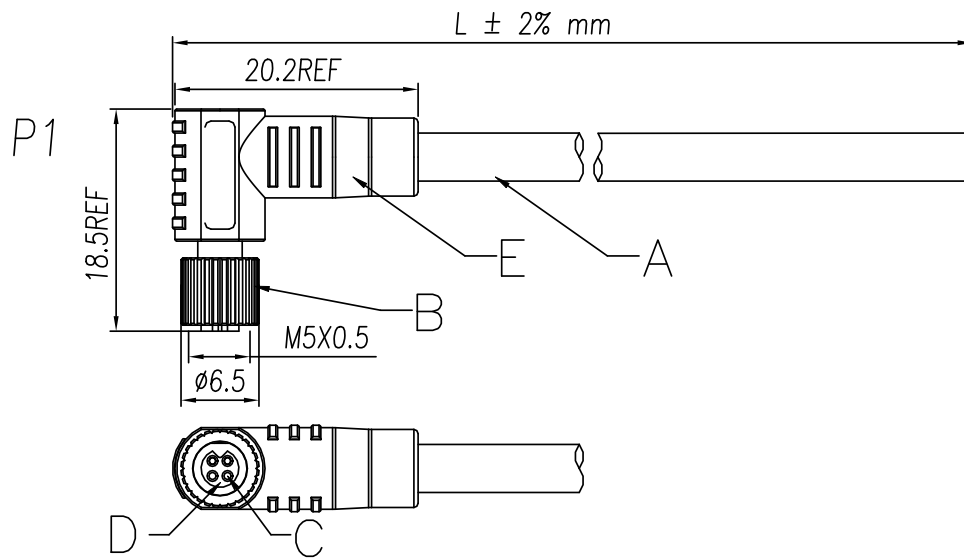
Base Number

No. of Poles:  
03A = 3 [A-Coding]  
04A = 4 [A-Coding]Cable Length:  
1M = 1 m  
2M = 2 m  
3M = 3 m

## MECHANICAL DRAWING

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

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
A	cable	UL 20549 PUR	black
B	M5x0.5 screw	brass	nickel
C	terminals; female	brass	gold
D	housing; female	PA66 [UL94V-0]	black
E	overmold	TPU [UL94V-0]	black



No. of Poles		3	4
Coding		 A-Coding	 A-Coding
Pin#	Cable	26 AWG X 3C OD: 4.0±0.2 mm	26 AWG X 4C OD: 4.3±0.2 mm
1		brown	brown
2		---	white
3		blue	blue
4		black	black

## 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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