CA5622 Series M8 Cable Assembly Straight

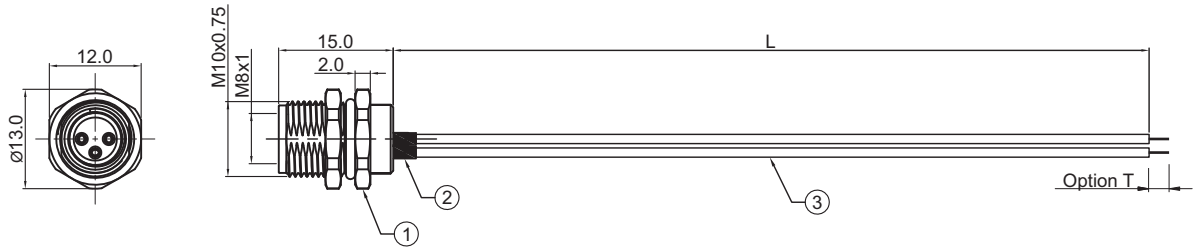
General specifications	
Insulation material	TPU/PA+GF
Contact material	Copper alloy, plating: gold
Nut/Screw material	Copper alloy, plating: nickel
Current rating	2 to 5 pin: 3 A, 6 to 8 pin: 1 A
Voltage rating	2 to 3 pin: 60 V, 4 to 8 pin: 30 V
Contact resistance	5 mΩ max.
Insulator resistance	100 MΩ min.
Dielectrical withstanding	2 to 5 pin: 500 VAC for 1 min, 6 to 8 pin: 250 VAC for 1 min
Operating temperature	-40 °C to +80 °C
IP-Rating	IP 65
Mating parts series	

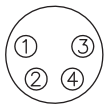
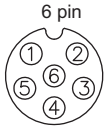
RoHS compliant

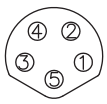
Mechanical dimensions

Unit: mm

CA5622S



A-coding Socket	
2 to 4 pin	
6 pin	
8 pin	

B-coding Socket	
5 pin	

2 pin	
Pin	Color
1	black
3	brown
AWG 24	

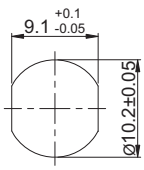
3 pin	
Pin	Color
1	black
3	brown
4	red
AWG 24	

4 pin	
Pin	Color
1	black
2	white
3	brown
4	red
AWG 24	

5 pin	
Pin	Color
1	black
2	white
3	brown
4	red
5	yellow
AWG 24	

6 pin	
Pin	Color
1	black
2	white
3	brown
4	red
5	yellow
6	blue
AWG 26	

8 pin	
Pin	Color
1	black
2	white
3	brown
4	red
5	yellow
6	blue
7	orange
8	green
AWG 26	



Recommended panel cut-out
Thickness: 3.5mm max.

Tolerances		
Linear	.X	± 0.50
	.XX	± 0.30
Length	<300	± 5
	>300	± 10

Part descriptions	
Part no.	Description
1	M8 socket solder type
2	Heat shrink tube, color: black
3	UL1007, color: see table, AWG (see table)

Part numbering guide

CA5622 S — 02 — A — 500 — T10

Series	No. of contacts	Coding	Length L (mm)	Option T (mm)
S = Socket	02 to 08	A = A-coding B = B-coding (05 contacts only)		Ends tinned

* standard

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