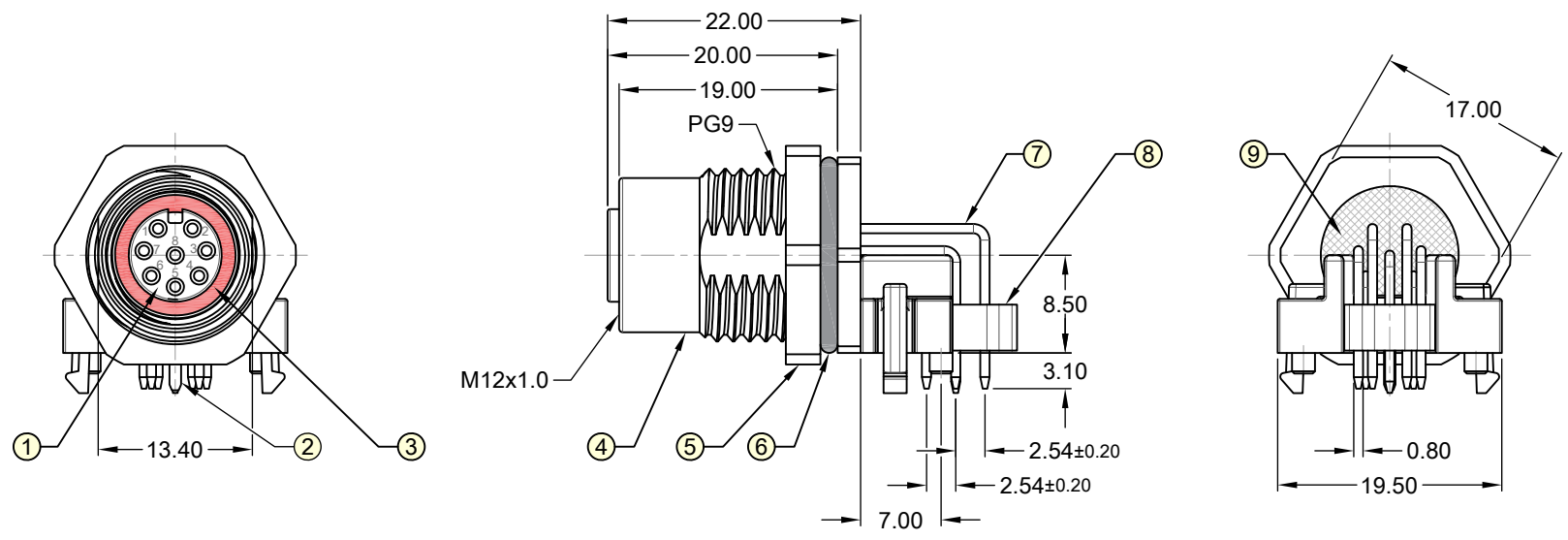


REV.	DESCRIPTION	DATE	DRAWN
A	New	22.09.2020	Cherry
B	Remove without Shield Pin option	06.10.2020	Cherry



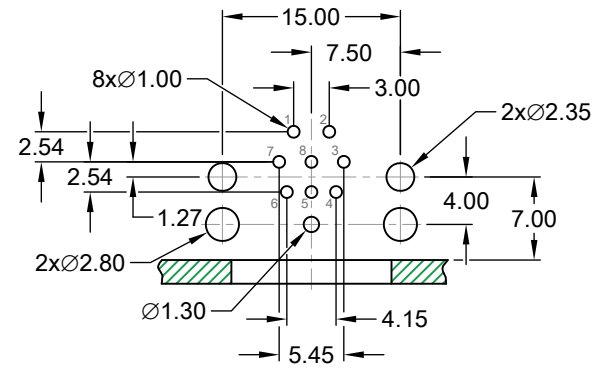
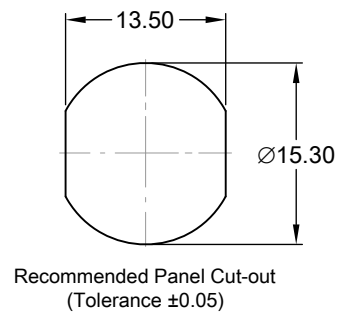
**Order Code**  
**M12-FA08-THFP-55/SG1**

**Specifications**

**Electrical**  
 Current rating: 2A per contact  
 Insulation resistance: 100MΩ min.  
 Voltage rating: 30V AC/DC  
 Withstanding voltage: 650V AC

**Mechanical Requirements**  
 Waterproof rate: IP68  
 Recommended panel thickness: 0.8 to 5.0mm  
 Recommended torque: 14~15 kgf-cm  
 Operating life: 100 cycles min.

Operating temperature: -40°C to +85°C  
 In accordance with IEC 61076-2-101:2012



Item	Part Name	Materials / Finish(Color)	Q'TY
1	Housing	Thermoplastic / Black	1
2	Shield Pin	Copper Alloy / Sn Plated	1
3	O-Ring	NBR / Red	1
4	Metal Body	Copper Alloy / Ni Plated	1
5	Hex Nut	Copper Alloy / Ni Plated	1
6	O-Ring	NBR / Black	1
7	Contact	Copper Alloy / Au Plated	8
8	Support	Thermoplastic / Black	1
9	Glue	Epoxy / Black	

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UNIT	mm	GENERAL TOLERANCE		DRAWN	DATE	DWG. NO.	SHEET 1/1
SCALE	Free	X.° ±	X. ±	Cherry	22.09.2020	M12-FA08-THFP-55/SG1	REV. B
		.X° ±	.X ±	CHECK	DATE	SERIES NO.	
		.XX° ±	.XX ± 0.50	Cheng	06.10.2020	M12-FA08-THFP-55/SG1	
		.XXX° ±	.XXX ±	APPROVE	DATE		
				Fagi	06.10.2020		

**M12 Circular Connector**  
**8-Pin Female - A-Coding Type**  
 Right Angle - Panel Front Mount  
 with Shield Pin