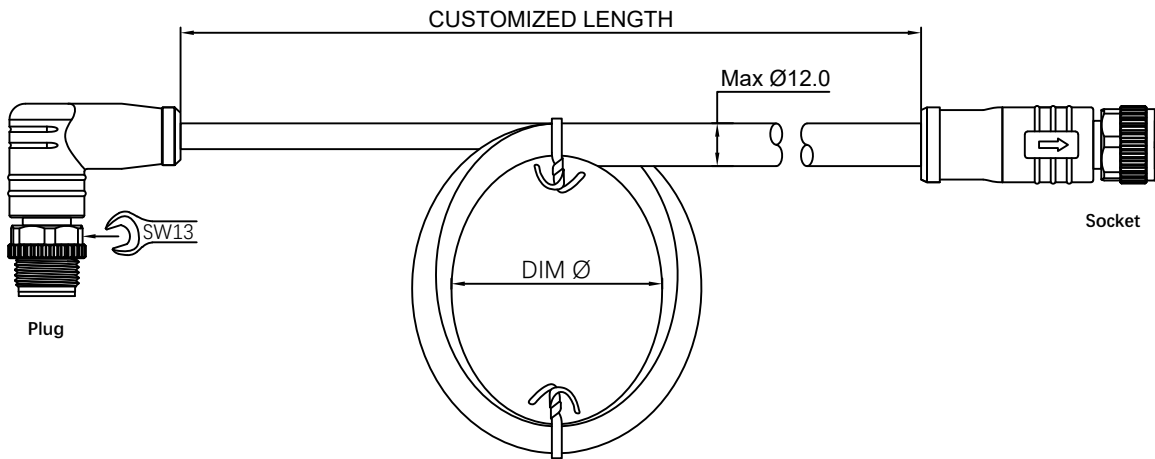


REV	ECN NO	DESCRIPTION	DATE	APPROVED
A	-	NEW RELEASED	2020.05.08	CINDY.LI



Connector material:
Contact: Copper Alloy, Gold Plating
Insulation: PA, Black
Thread Shell: Copper Alloy, Nickel Plating
Seal O-Ring: Silicone, Black

Technical specifications:
Voltage range: See Table 1
Current range: See Table 1
Temperature range: -40°C~+80°C
Durability: ≥ 500 Times Cycles
Waterproof rate: IP67

Cable specifications:
Cable: UL Style Cable PVC / PUR
Minimum bending radius:
Fixed installation: 8x Cable OD
Flexible installation: 10x Cable OD



TABLE 1

Coding & Pins	Plug Pin out	Socket Pin out	Contact Size(mm)	Rated Current	Rated Voltage	Accord design Standard
A Code 4 Pin			1.0	4A	250V/DC	IEC61076-2-101
A Code 5 Pin			1.0	4A	60V/DC	IEC61076-2-101
A Code 8 Pin			0.8	2A	30V/DC	IEC61076-2-101
B Code 5 Pin			1.0	4A	60V/DC	IEC61076-2-101
D Code 4 Pin			1.0	4A	250V/DC	IEC61076-2-101
K Code 5 Pin			1.5	12A	630V/DC	IEC61076-2-111
L Code 5 Pin			1.5	16A	63V/DC	IEC61076-2-111
M Code 6 Pin			1.0	8A	630V/DC	IEC61076-2-111
S Code 4 Pin			1.5	12A	630V/DC	IEC61076-2-111
T Code 4 Pin			1.5	12A	63V/DC	IEC61076-2-111

UNMARKED TOLERANCES		TITLE		2009		KIMKEE.LTD		www.kimkee.cn	
DIMENSIONS	TOLERANCE	M12 Circular Connector Pre-Cable							
x	±0.5								
x.x	±0.25								
x.xx	±0.15								
0 to 500	+15 / -0								
> 501	+3W/-0 of length								
ANGLES									
x°	±1°								
		CUSTOMER		CUSTOMER PART NO.					
		DRAWN BY		PART NUMBER					
		CHECKED BY		DRAWING NUMBER					
		APPROVED BY		SCALE FREE		ALL DIMENSION UNIT IN MM		SHEET 1 OF 1	