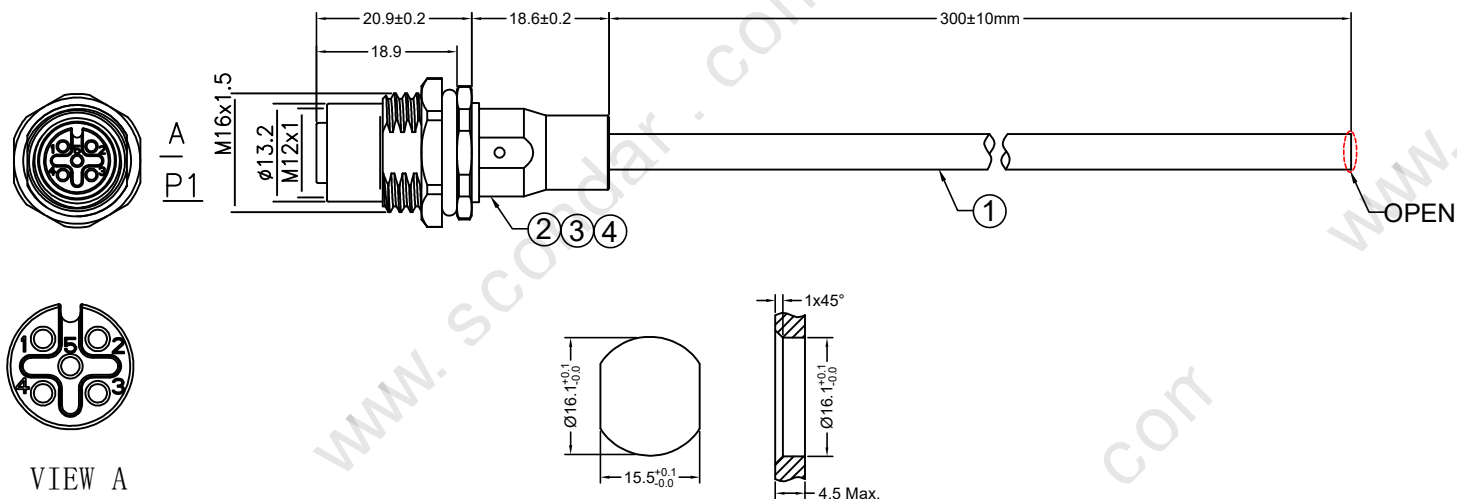


Weight: g/pcs

RoHS Compliant

Technical requirements for plugs	
Connection Method	Threaded Connection
Wiring Method	Welding
Temperature Range	-40℃~80℃
Pollution Level	3
Protection Level	IP67(Locked State)
Plug and unplug lifespan	≥500
Rated Voltage	250V AC/DC
Rated Current	4.0A
Contact Resistance	≤5mΩ
Insulation Resistance	≥100MΩ
Quality Standard	IPC-A-620



Panel aperture dimensions

Technical requirements:

- 1.100% inspection of products.
- 2.High voltage test: DC 300V/0.01S
- 3.Insulation impedance: 10M Ω Min
- 4.Conductor impedance: 3 Ω Max
- 5.Short circuit test: 100% test
- 6.Compliant with ROHS requirements.

4	HTB-ID200	Heat Shrink Tube Ø:2.0mm Color:Black 15mm*2PCS	MM	30	
3	M12-S5A-GWFM16-PBG	M12 5Pin Female Plug, Installed Behind The Board, With A Short Rubber Core and Regular Needle	PCS	1	
2	S-67-8.2	M12 Flange Socket Shielded Pipe Outlet ID: 8.2mm S-67-8.2	PCS	1	
1	1P22+1P24-002	UL20236 24AWG(19/0.127TC)*1P(Blue;White ID:1.4mm PE Material)+AL +22AWG (19/0.15TC) x1P(Red;Black ID:1.95mm PE Material)+D+B(19/0.15TC)+non-woven fabric 80℃ 300V PUR Jacket OD:6.7mm,Color: Purple	MM	320	
NO	PART NO	DESCRIPTION	UNIT	Q'TY	REMARK

REVISIONS				DATE	2026.07.15
REV	DESCRIPTION	DATE	ECN NO.	DRAWN BY	Yao
A	INITIAL RELEASE	2026.07.15		CHECKED BY	Xiong
				APPROVED BY	Lisa

PIN ASSIGNMENT				
	P1	Color	Stranded Wire	P2
Short Circuit	1	Gnd	/	OPEN
	2	Red	Red/Black Twist Together	OPEN
	3	Black		OPEN
	4	White	White/Blue Twist Together	OPEN
	5	Blue		OPEN
		Shell	Braid	/



SCONDAR ELECTRONIC LIMITED

TOLERANCES: $\pm 0.3\text{mm}$		UNIT: mm	PAGE/ 1 of 1
SCT P/N	SCT-RW0013		Rev A
CUSTOMER P/N			
CUSTOMER	Robot Wiring Wire Harness		
TITLE: M12 5Pin A code Female Plug To OPEN UL20236 24AWGx1P+22AWGx1P Purple PUR Jacket OD:6.7mm L=1000mm			