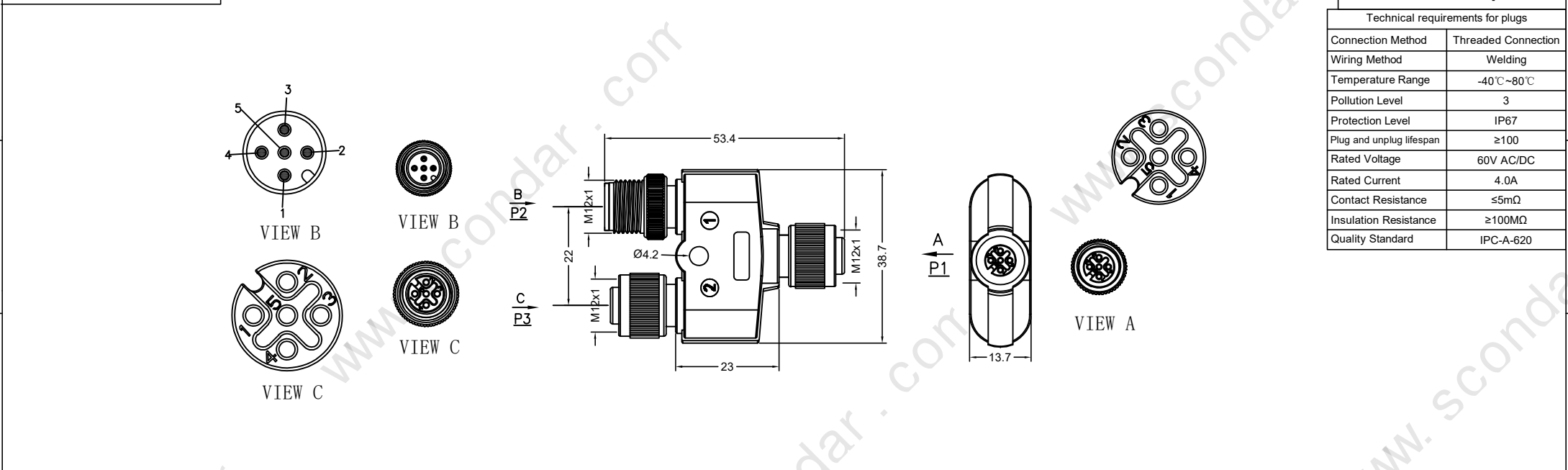


Weight: g/pcs

RoHS Compliant



Technical requirements for plugs	
Connection Method	Threaded Connection
Wiring Method	Welding
Temperature Range	-40℃~80℃
Pollution Level	3
Protection Level	IP67
Plug and unplug lifespan	≥100
Rated Voltage	60V AC/DC
Rated Current	4.0A
Contact Resistance	≤5mΩ
Insulation Resistance	≥100MQ
Quality Standard	IPC-A-620

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.

PIN ASSIGNMENT			
P1	Color	P2	P3
1	Brown	1	1
2	White	2	2
3	Blue	3	3
4	Black	4	4
5	Grey	5	5

4	M12-S5A-SFC	CAZN M12 5-Core Hole Type With Chamfered Plug (semi-finished product)	PCS	2	
3	External Model	M12 Encapsulated Black TPU Molding	PCS	1	
2	M12-P5A-SFC	CAZN M12 5-Core Male Pin Plug (semi-finished product)	PCS	1	
1	UL1007 22AWG	UL1007 22AWG PVC Wire,Color: Undefined Tin3.0mm to Tin2.0mm L=28mm	PCS	10	
NO	PART NO	DESCRIPTION	UNIT	Q'TY	REMARK

SCONDAR ELECTRONIC LIMITED

TOLERANCES: ±0.3mm		UNIT: mm	PAGE/ 1 of 1
SCT P/N	SCT-RW0017	Rev A	
CUSTOMER P/N			
CUSTOMER	Robot Wiring Wire Harness		
TITLE: M12 5Pin Female Plug To M12 5Pin Female Plug+M12 5Pin Male Plug A code(M12 T Coupler)			

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