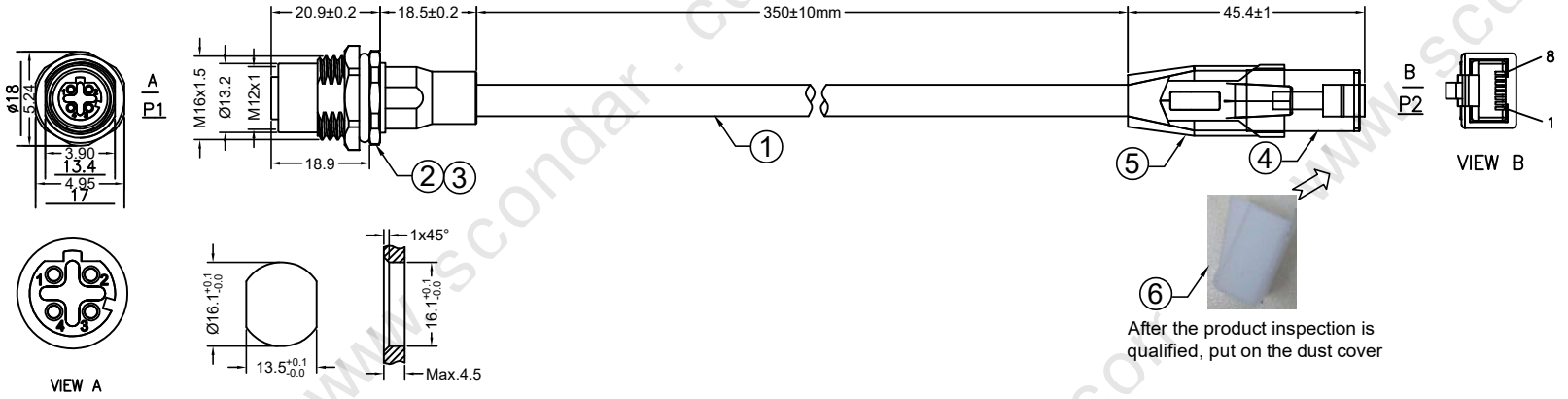
Weight: g/pcs

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 Opening Size

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
1	Yellow	1
3	Orange	2
2	White	3
4	Blue	6
Shell	Braid	Shell

NO	PART NO	DESCRIPTION	UNIT	Q'TY	REMARK
6	Dust Cover	RJ45 network crystal head dust cover (transparent)	PCS	1	
5	External Model	RJ45 encapsulated black TPU molding	G	5	
4	RJ45-001	P88R5Z50V2SIT-3Y T transparent green (6018, wire hole 1.6, equipped with 1236 wire position bracket)	PCS	1	
3	S-67-7.4(P03-M12042)	M12 Flange Socket Shielded Pipe Outlet ID: 7.4mm	PCS	1	
2	M12-S4D-GWFM16-PBG	M12 4Pin D code Female Plug, Installed Behind The Board, With A Short Rubber Core and Regular Needle	PCS	1	
1	(4C22-016)A150201-0035	CAT5e UL20233 22AWGx4C(1.Yellow;2.White;3.Orange;4.Blue)PP Material, ID1.53mm +Nylon filling+Middle jacket+AL+B PUR Jacket OD:6.5mm,Color: Grass Green(10 million cycles drag chain cable)	MM	414	

REVISIONS

REV	DESCRIPTION	DATE	ECN NO.
A	INITIAL RELEASE	2026.07.15	

DATE	2026.07.15
DRAWN BY	Yao
CHECKED BY	Xiong
APPROVED BY	Lisa

SCONDAR ELECTRONIC LIMITED

TOLERANCES: ±0.3mm		UNIT: mm	PAGE/ 1 of 1
SCT P/N	SCT-RW0021		Rev A
CUSTOMER P/N			
CUSTOMER	Robot Wiring Wire Harness		

TITLE: M12 4Pin D code Female Plug To RJ45 Male Plug CAT 5e UL20233 22AWGx 4C Grass Green PUR Jacket OD:6.5mm L=350mm