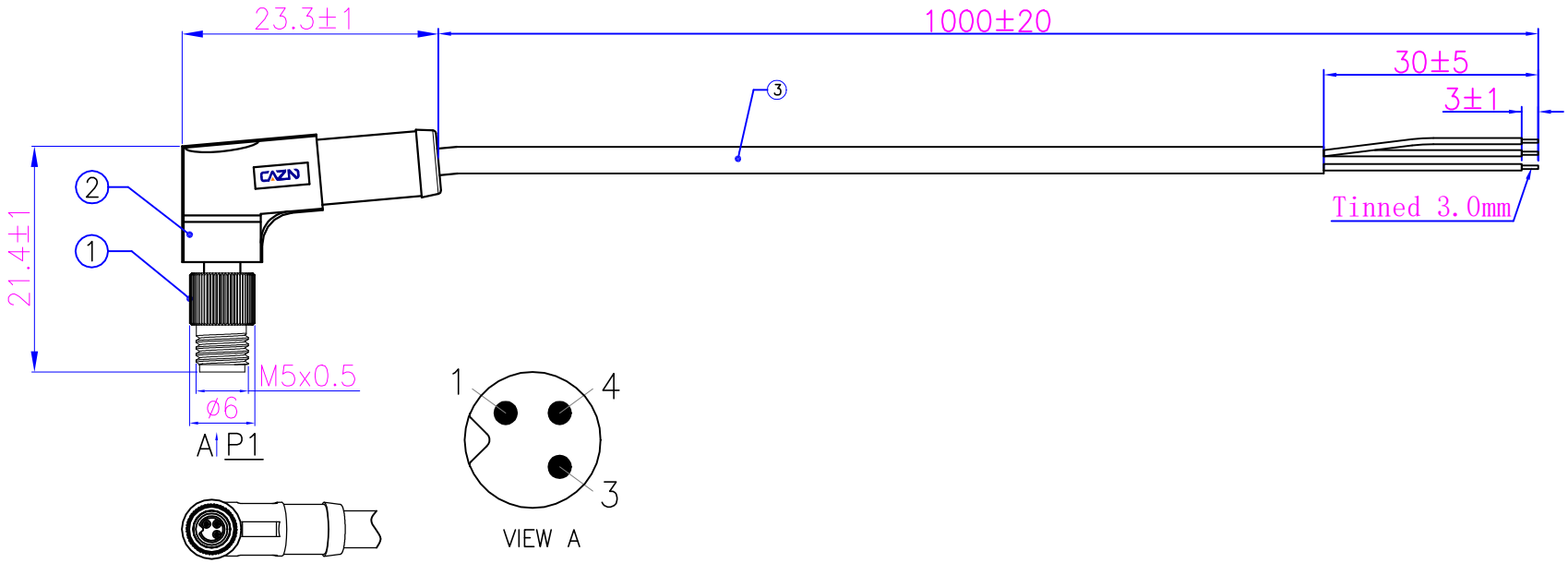
REV.	ECN NO.	MIDIFY CONTENT DESCRIPTION	DATE
A0	--	NEW DESIGN	2026.08.13



TECHNICAL REQUIREMENTS	
Coupling Type	Threaded connection
Termination Way	Soldering
Applicable temperature	-40℃~+80℃
Level of pollution	3
Protection Grade	IP67(Lock)
Durability	≥500
Rated voltage	60V AC/DC
Rated current	1A
Conductor impedance	≤5 mΩ
Insulation impedance	≥100 MΩ
Quality standards	IPC-A-620
ELECTRICAL CHARACTERISTICS	
High voltage test	DC 300V / 0.01S
Insulation impedance	10MΩ MIN
Conductor impedance	3Ω MAX
Open short test	100% TEST

Pin Assignment		
P1	Wire Color	OPEN
1	Brown	
3	Blue	
4	Black	

No.	Specification	Unit	Q'ty
3	UL20549 4C*26AWG, inner core PP, outer sheath black matte 90A TPU polyether flame-retardant FT2 (coarse yarn with good stickiness) OD: 0.9, outer diameter: 3.2 (brown, white, blue, black) (4C26-003)	pc	1
2	M5 overmolding TPU black	pc	1
1	M5 threaded type, long body rubber pin plug semi-finished, 3-core A code, brass conventional nut :M5-P3-SFC	pc	1

CUSTOMER NAME		CUSTOMER NO.		CUSTOMER CHK		SALES CHK	

NOTES: Please confirm and return the drawings within 2 working days. If the drawings are not returned after the expiration date, the default is that you have confirmed the qualified

RoHS

GENERAL TOLERANCE (UNLESS SPECIFIED)	DWN	Yantao.Fu 2026.08.13	CAZN® 正成		
X. ±0.50 X.X ±0.30 X.XX ±0.20 X.XXX ±0.15 ANGLE ±3°	CHK				
	APVD		TITLE	M5-P3-MWD-1PU	
THIRD ANGLE	UNIT	MM	REV	A0	PART NO	C110301-00047
	SIZE	A4	SHEET	1 OF 1	DRAWING NO	

LIST NO.: QR-21-020 REV. A1