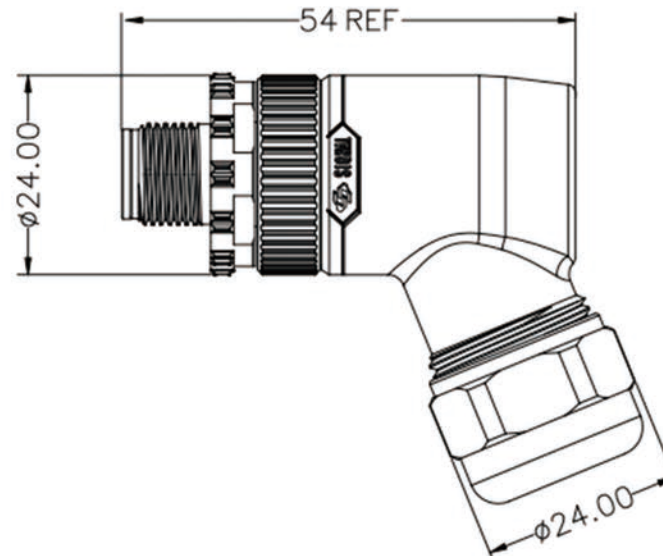




REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2025/07/09	PWT



Electrical character

Rated voltage	630V
Rated current	12A
Mechanical characteristics (mating cycle)	>100
Degree of protection (ISO-20653,IEC60529)	IP67
Operating temperature (depending on cable quality)	-25°C ~ +80°C
Destructive withstand force between connector and overmold exceeds	5kgf
Tightening torque (range)	0.4~1.8Nm
Pollution degree	3
ALL MATERIALS ARE RoHS COMPLIANT	

 SIGNAL®		TITLE M12 FEMALE PLASTIC ASSEMBLY CONNECTOR(WITHOUT LOGO)	
Shenzhen Signal Electronics Co., LTD		SGN NO 120503-01-003S	
DRAWN BY	DATE	DWG NO	REV.
CHECKED BY	DATE	CUSTOMER	
CHECKED BY	DATE		
CHECKED BY	DATE		
APPROVED BY	DATE	S0	
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		DECIMALES	ANGLES
		.x ±0.5	x.* ±2.0°
		.xx ±0.20	.x.* ±1.0°
		THIRD ANGLE PROJECTION	
		SIZE: A4	UNITS: mm
		SCALE:	SHEET: 1 OF