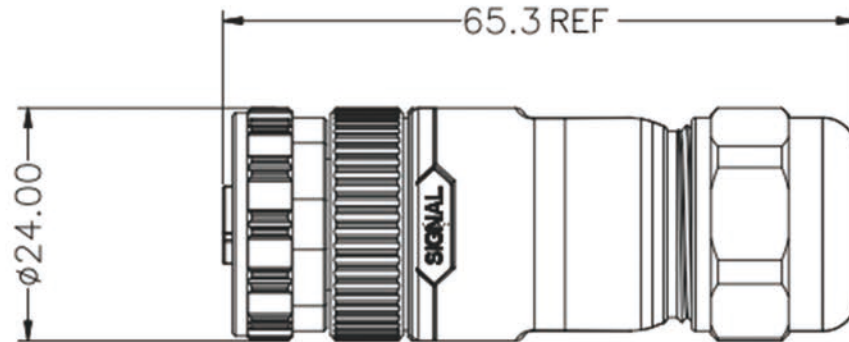




REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2025/07/09	PWT



# 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*	

 <b>SIGNAL®</b> Shenzhen Signal Electronics Co., LTD		TITLE M12 FEMALE PLASTIC ASSEMBLY CONNECTOR	
		SGN NO 120503-02-002S	REV.
DRAWN BY	DATE	DWG NO	S0
CHECKED BY	DATE	CUSTOMER	
CHECKED BY	DATE		
APPROVED BY	DATE		
<small>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SIGNAL COMPANY.  ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF SIGNAL COMPANY IS PROHIBITED.</small>		TOLERANCES ARE:	THIRD ANGLE PROJECTION 
		DECIMALES	ANGLES
		.x ±0.5	x.* ±2.0°
		.xx ±0.20	.x.* ±1.0°
		SIZE: A4	UNITS: mm
		SCALE:	SHEET: 1 OF