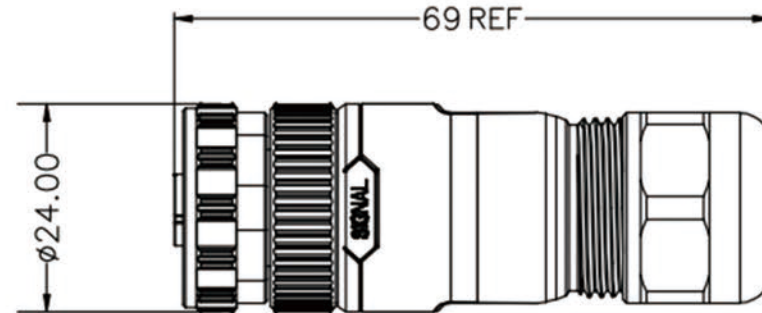


REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2025/07/09	PWT



Electrical character

Rated voltage	63V
Rated current	16A
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® Shenzhen Signal Electronics Co., LTD		TITLE M12 L CODE FEMALE PLASTIC ASSEMBLY CONNECTOR	
		SGN NO 121005-02-012S	REV. S0
DRAWN BY	DATE	DWG NO	
CHECKED BY	DATE	CUSTOMER	
CHECKED BY	DATE		
APPROVED BY	DATE		
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.		TOLERANCES ARE:	
		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 1