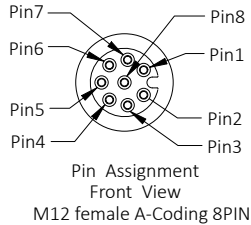
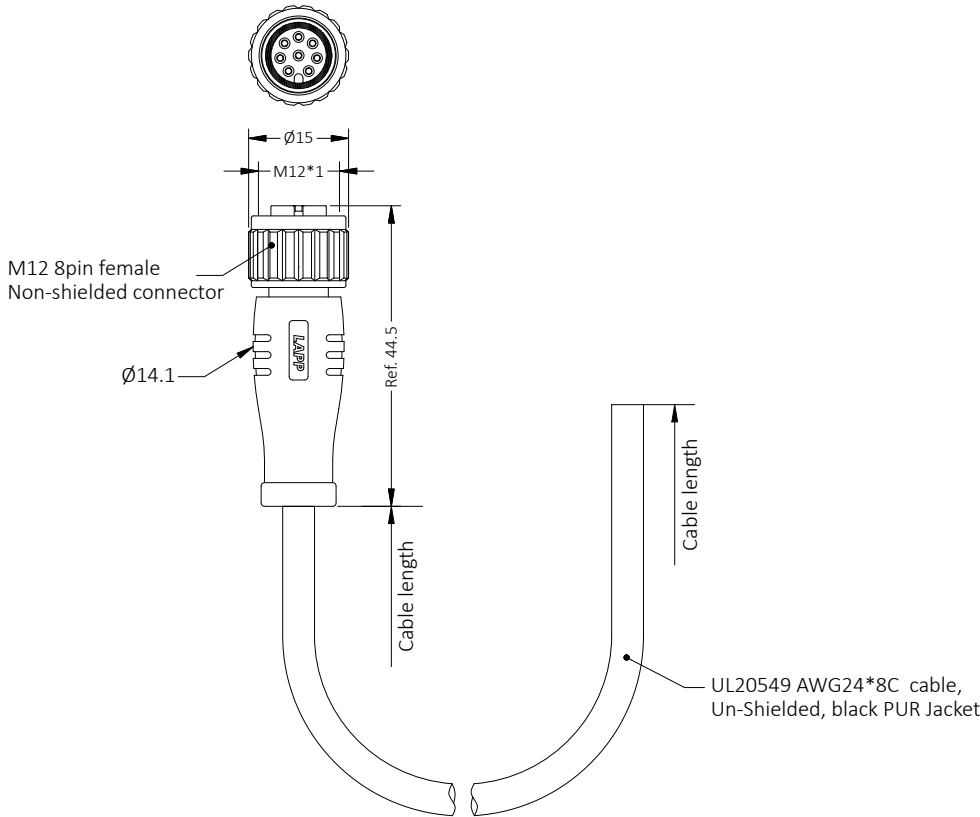


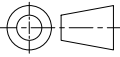
Revision	Description	ECO NO.	Date
A/0	First release	---	Oct. 22, 2025



Wire List	
PIN 1	White (AWG 24)
PIN 2	Brown (AWG 24)
PIN 3	Green (AWG 24)
PIN 4	Yellow (AWG 24)
PIN 5	Gray (AWG 24)
PIN 6	Pink (AWG 24)
PIN 7	Blue (AWG 24)
PIN 8	Red (AWG 24)

- NOTES:
1. Production process and inspection referenc standard IPC-WHMA-A-620D .
 2. Product packaging is in accordance with CF-SOP-048 standard.

Technical data 技术参数		
Mechanical and Electrical	Reference standard	IEC 61076-2-101
	Rated current	2A
	Rated voltage	30V
	Impulse voltage	800V
	Contact resistance	≤5mΩ
	Insulation resistance	≥100MΩ
	EMC Shielding	Non-Shielded
	Locking system	M12 x 1.0mm screw
Material	Tightening torque	Recommended : 0.4 Nm Max : 0.8 Nm
	Male contact	Non
	Female contact	Phosphor bronze
	Contact plating	Au (Gold)
	Insert	TPU+GF, Black
	Overmold	TPU, Black
	Screw nut	Brass, CNC
	Screw nut plating	Nickel plated
Cable	O-ring	FKM
	Cable style	UL20549
	Conductor material	Stranded Tinned Copper
	Conductor cross-section	8Cx24AWG
	Wire colors	White, Brown, Green, Yellow, Gray, Pink, Blue, Red
	Shielding	Non
	Sheath/ insulation material	PUR, black
	Outer diameter	Ø6.2 ± 0.3mm
Environmental	Drag chain bending	Non
	Cable length	10000 ⁺³⁰⁰ ₋₁₀₀ mm (excluding Connector)
	Rated temperature	Static : -40 ~ 80℃
		Dynamic : -25 ~ 80℃
	Protection degree	IP67
	Environmental Compliance	ROHS
	Pollution degree	3

 Third Angle Projection					
Drawing No.	A99516700-CA0084	Part number	MC08C2LSAB24RK100	Part Name	
CONFIDENTIAL This drawing and the specifications contained herein are the property of Cableforce Electronics Co., Ltd. It may not be reproduced or used in whole or in part for manufacture or sale of products without Cableforce's written permission.		M12 connector 8Pin, A-Coding female connector with 10m cable			
		Unless Otherwise Specified	Scale	1:1	APPROVAL
		Linear 0.5~6 ±0.1 >6~30 ±0.2 >30 ±2%	Unit	mm	Jason Li
		Angles ±3°	Page	1/1	Oct. 22, 2025
		Checked by			
		Customer Approval			