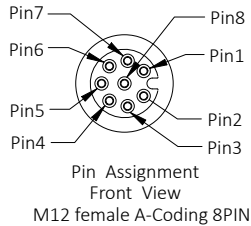
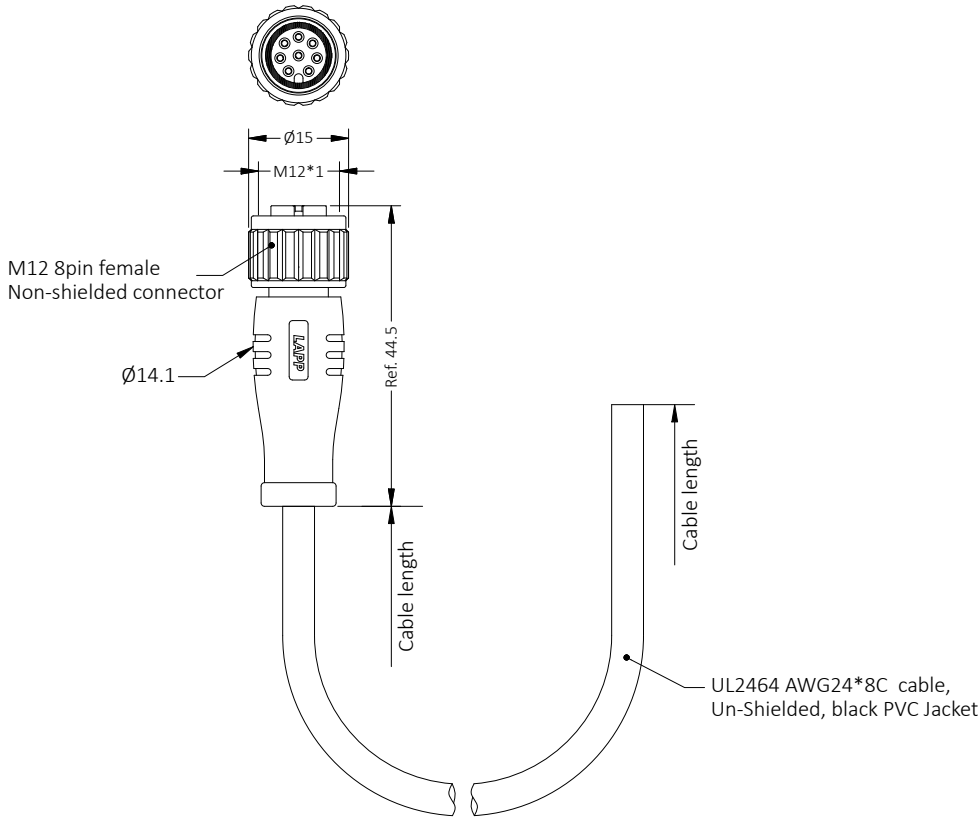


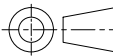
Revision	Description	ECO NO.	Date
A/0	First release	---	Oct. 22, 2025



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
	Tightening torque	Recommended : 0.4 Nm Max : 0.8 Nm
Material	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
	O-ring	FKM
Cable	Cable style	UL2464
	Conductor material	Stranded Tinned Copper
	Conductor cross-section	8Cx24AWG
	Wire colors	White, Brown, Green, Yellow, Gray, Pink, Blue, Red
	Shielding	Non
	Sheath/ insulation material	PVC, black
	Outer diameter	Ø5.5 ± 0.3mm
	Drag chain bending	Non
	Cable length	2000 ⁺¹⁰⁰ ₋₂₀ mm (excluding Connector)
Environmental	Rated temperature	Static : -40 ~ 80℃
		Dynamic : -25 ~ 80℃
	Protection degree	IP67
	Environmental Compliance	ROHS
	Pollution degree	3

 Third Angle Projection									
Drawing No. A99516700-CA0037		Part number MC08C2LSAB24CK20		Part Name M12 connector 8Pin, A-Coding female connector with 2m cable					
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.		Unless Otherwise Specified		Scale	1:1	APPROVAL		Date	
		Linear		Unit	mm	Drawn by		Jason Li	Oct. 22, 2025
		0.5~6 ±0.1							
		>6~30 ±0.2							
		>30 ±2%							
Angles ±3°		Page		1/1	Customer Approval				