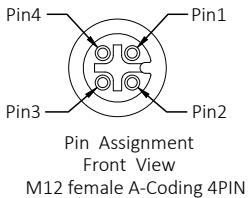
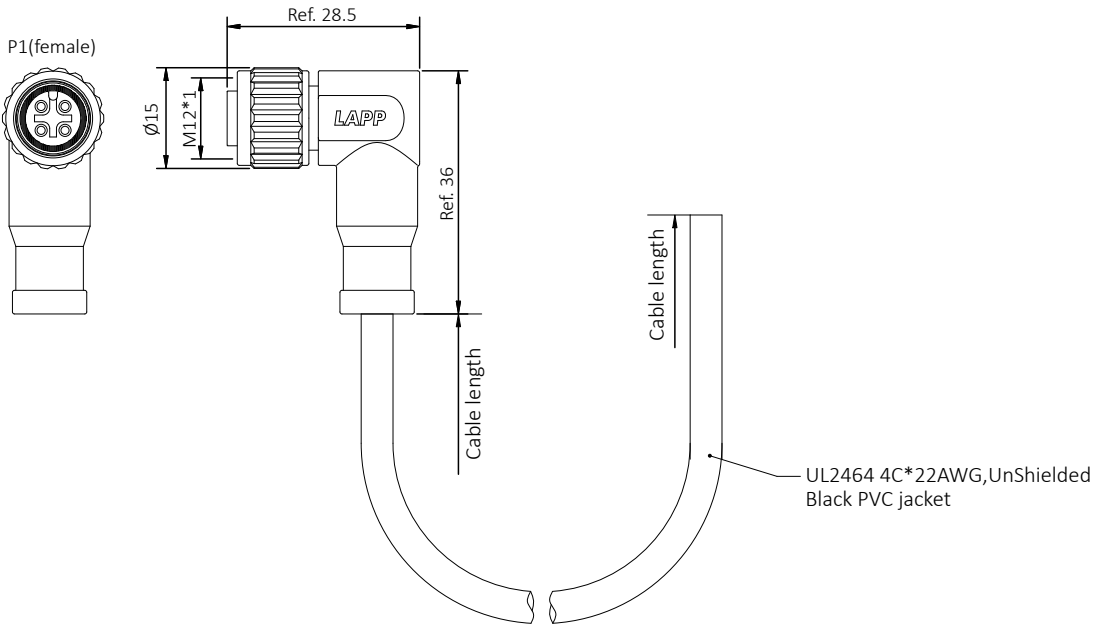


1	2	3	4
Revision	Description	ECO NO.	Date
A/0	First release	---	Oct. 22, 2025

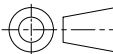


Wire List	
PIN 1	Brown (AWG 22)
PIN 2	White (AWG 22)
PIN 3	Blue (AWG 22)
PIN 4	Black (AWG 22)

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		
Mechanical and Electrical	Reference standard	IEC 61076-2-101
	Rated current	4A
	Rated voltage	250V
	Impulse voltage	2500V
	Contact resistance	≤5mΩ
	Insulation resistance	≥100MΩ
	EMC Shielding	UnShielded
	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 bare copper
	Conductor cross-section	4C*22AWG
	Wire colors	Brown, White, Blue, Black
	Shielding	Non
	Sheath/ insulation material	PVC, Black
	Outer diameter	Ø5.0 ± 0.15mm
	Drag chain bending	Non (无)
	Cable length	20000 ⁺⁴⁰⁰ ₋₁₀₀ mm (Excluding connectors)
Environmental	Rated temperature	Static : -40 ~ 80℃ Dynamic : -25 ~ 80℃
	Protection degree	IP67
	Environmental Compliance	ROHS
	Pollution degree	3

 Third Angle Projection					
Drawing No. A99516700-CA0091		Part number MC04C2RSAB22CK200		Part Name M12 4Pin, A-Coding, female	
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	
	线性 Linear 0.5~6 ±0.1 >6~30 ±0.2 >30 ±2%		Unit	mm	
			Page	1/1	
				Angles ±3°	
			APPROVAL		Date
		Drawn by		Jason Li	
		Checked by		Oct. 22, 2025	
		Customer Approval			