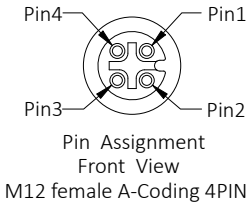
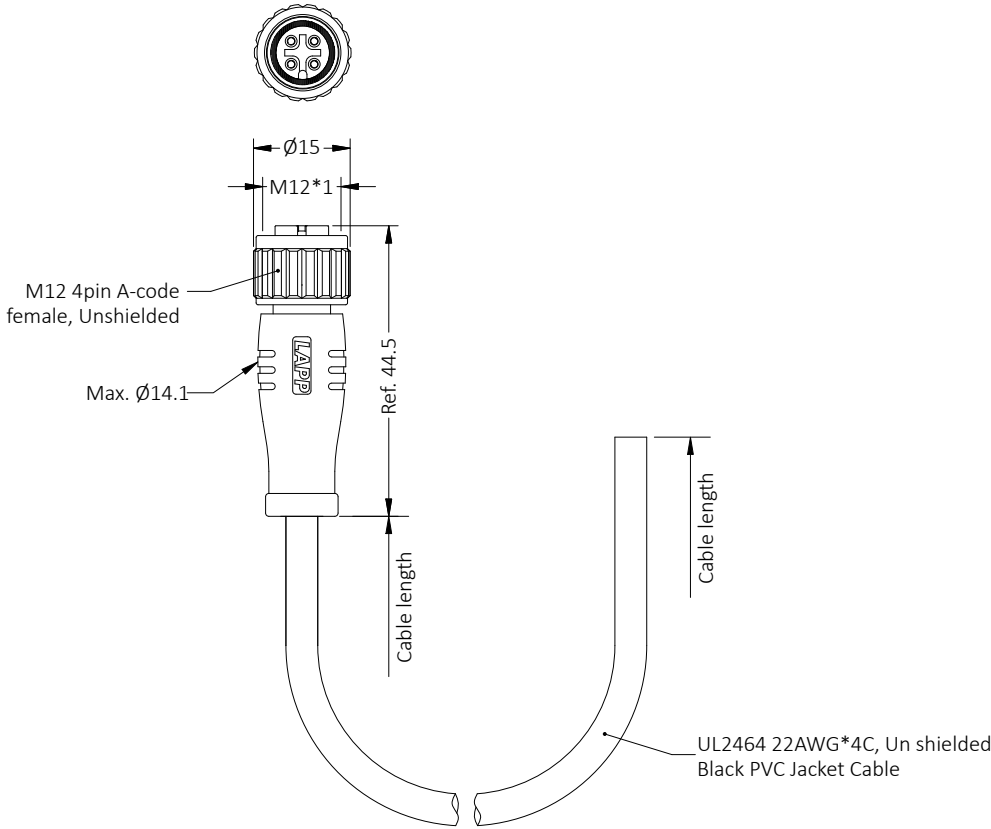


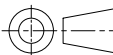
Revision	Description	ECO NO.	Date
A/0	First release	---	Oct. 22, 2025



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

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	un Shielded							
	Locking system	M12 x 1.0mm screw							
	Tightening torque	Recommended : 0.4 Nm Max : 0.8 Nm							
Material	Male contact 公针	Non							
	Female contact 母针	Phosphor bronze							
	Contact plating	Au (Gold)							
	Insert	TPU+GF, Black							
	Overmold	TPU, Black							
	Screw nut	Brass, CNC							
	Screw nut plating	Nickel plated							
	O-ring	Non							
Cable	UL AWM style	UL2464							
	Conductor material	Stranded Tinned copper							
	Conductor cross-section	4C*AWG22							
	Wire colors	Brown, White, Blue, Black							
	Shielding	Non							
	Sheath/ insulation material	PVC, Black							
	Outer diameter 外被直径	Ø5.0 ± 0.15mm							
	Bending radius (Static)	≥5× outer Ø							
	Bending radius (Dynamic)	≥10× outer Ø							
	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-CA0090		Part number MC04C2LSAB22CK200		Part Name M12 A-Code 4Pin female with 20m black PVC 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	
		线性 Linear 0.5~6 ±0.1 >6~30 ±0.2 >30 ±2%		Unit	mm	Drawn by	Jason Li		Oct. 22, 2025
				Checked by					
		Angles ±3°		Page	1/1	Customer Approval			