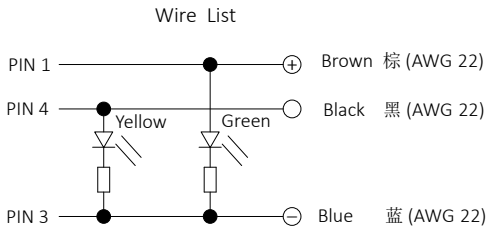
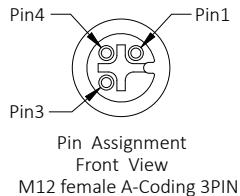
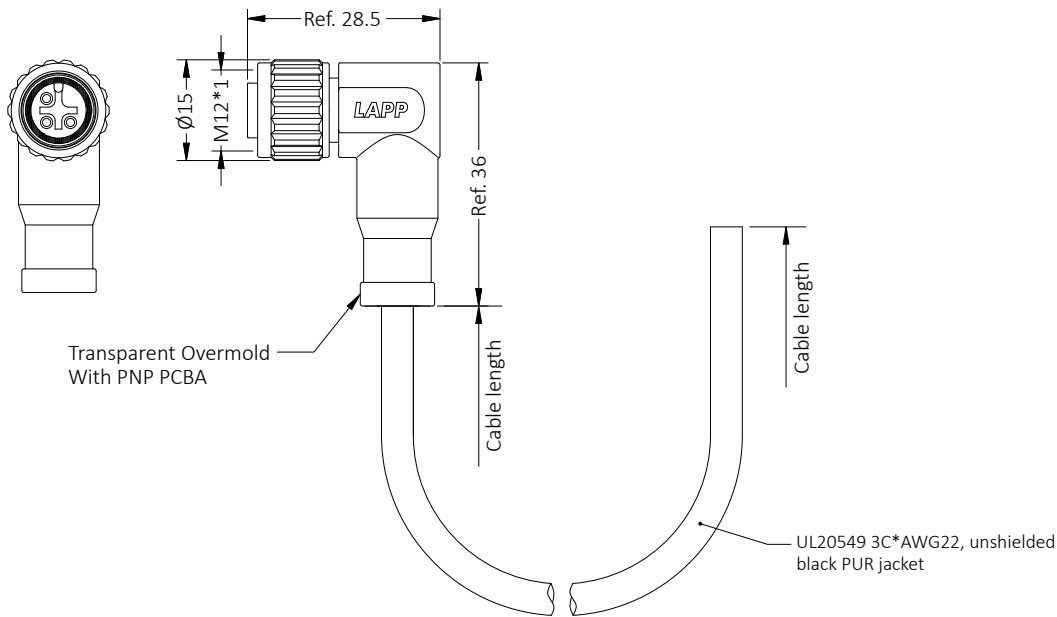
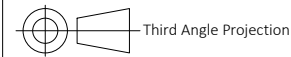


1	2	3	4
Revision	Description	ECO NO.	Date
A/0	First release	---	Oct. 22, 2025



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

6	7	8	9
Technical data			
Mechanical and Electrical	Reference standard	IEC 61076-2-101	
	Rated current	4A	
	Rated voltage	12V	
	Impulse voltage	100V	
	Contact resistance	≤5mΩ	
	Insulation resistance	≥100MΩ	
	EMC Shielding	un Shielded	
	Locking system	M12 x 1.0 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 (TPU+GF)	
	Overmold	TPU Transparent	
	Screw nut	Brass, CNC	
	Screw nut plating	Nickel plated	
Cable	O-ring	FKM	
	Cable style	UL20549	
	Conductor material	Stranded Tinned Copper	
	Conductor cross-section	3C*22AWG	
	Wire colors	Brown, Blue, Black	
	Shielding	Non	
	Sheath/ insulation material	PUR, black	
	Outer diameter	Ø4.5 ± 0.15mm	
Environmental	Drag chain bending	Non	
	Cable length	5000mm ⁺¹³⁰ ₋₃₀ (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-CA0081	Part number	MC03C2RSAPNB22RK50	Part Name	M12 A-Code 3Pin female molded with PNP LED display, cable L=5m		
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 0.5~6 ±0.1 >6~30 ±0.2 >30 ±2%	Unit	mm	Drawn by	Jason Li	Oct. 22, 2025
		Angles ±3°	Page	1/1	Checked by		
					Customer Approval		