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## REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	1/17/2025	DMAY	DGUTTADAURO

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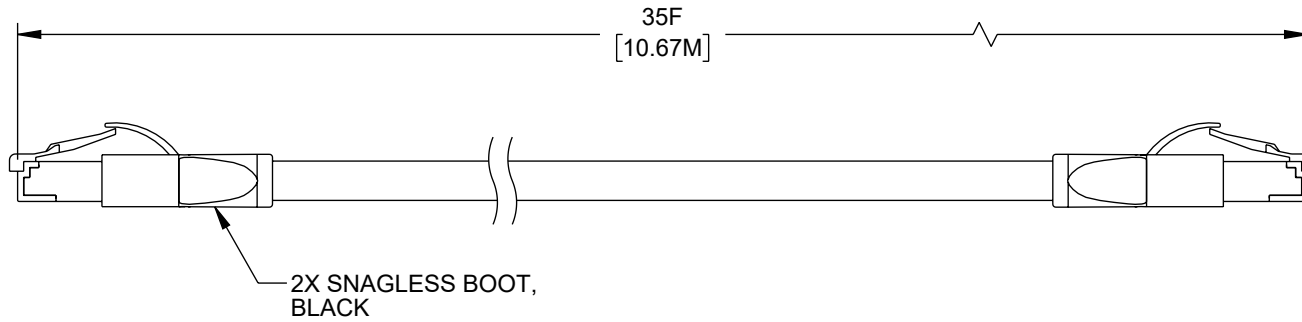
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POSITION 1



POSITION 1

2X RJ45 SHIELDED PLUG  
(8P8C)**NOTES:****MATERIAL:**

PLUG HOUSING: POLYCARBONATE, CLEAR, UL94V-0  
 CONTACTS: PHOSPHOR BRONZE  
 CABLE JACKET: LSZH, GRAY  
 PLUG SHIELDING: BRASS  
 SNAGLESS BOOT: LSZH THERMOPLASTIC

**FINISH:**

CONTACTS: 50 μINCHES GOLD IN CONTACT AREA  
 OVER 100 μINCHES NICKEL PLATE OVERALL  
 PLUG SHIELDING: NICKEL PLATED

**ELECTRICAL:**

ASSEMBLY WIRED PER TIA/EIA 568B SEQUENCE  
 DRAIN WIRE TIED TO PLUG SHIELDS

**CABLE CHARACTERISTICS:**

SHIELDED, FOUR TWISTED PAIR, CAT 5E MODULAR CABLE  
 CONDUCTORS: 24 AWG SOLID BARE COPPER  
 SHIELDING: ALUMINUM/ POLYESTER AND TINNED BRAIDED  
 COPPER (100% SHIELD COVERAGE)

**MISCELLANEOUS:**

PLUG CONFORMS TO TIA-1096  
 OPERATING TEMPERATURE RANGE: -20°C TO +60°C  
 CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.  
 CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN  
 ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

**REGULATORY COMPLIANCE:**

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).

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UNLESS OTHERWISE SPECIFIED  
 LEADING DIMENSIONS ARE INCHES  
 DIMENSIONS IN [ ] ARE MILLIMETERS

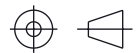
TOLERANCES:  
 .X = ±.2 [5]      FRACTIONS  
 .XX = ±.02 [0.5]      ± 1/32  
 .XXX = ±.005 [0.13]      ANGLES ± 1°

CABLE LENGTH TOLERANCES:  
 ≤12 [305] = +1 [25] / -0  
 >12 [305] ≤ 60 [1524] = +2 [51] / -0  
 >60 [1524] ≤ 120 [3048] = +4 [102] / -0  
 >120 [3048] ≤ 300 [7620] = +6 [152] / -0  
 >300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY  
 AND SUBJECT TO CHANGE WITHOUT NOTICE.  
 UN-DIMENSIONED/NON-CRITICAL FEATURES  
 MAY VARY IN SIZE AND LOCATION  
 COLORS MAY VARY

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INTERPRET ALL DIMENSIONS AND  
 TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION  
 CATEGORY 5E CAT5E CABLE ASSEMBLY, SF/UTP DOUBLE  
 SHIELDED, 24AWG SOLID, RJ45 MALE PLUG TO RJ45 MALE  
 PLUG, IEC LSZH JACKET, GRAY, 35F

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DMAY	TMD01014014001-035F	A

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