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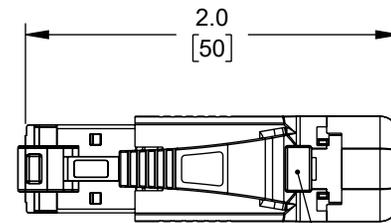
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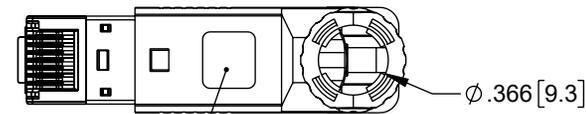
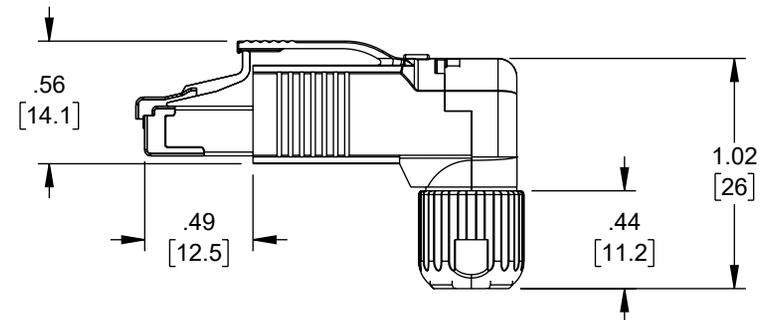
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## REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	UPDATED PER ECO-13314	02/22/2024	KGLEBOVA	GUTTADAURO



COLOR CODED  
ICON (RED OR BLUE)



L-COM LOGO

## NOTES:

**SPECIFICATIONS:**  
CAT 5e RJ45 PLUG, 2 PAIRS  
QUALIFIED SCREENED CLASS D  
IEC 60603-7-5  
ISO/IEC 11801 2.2 EDITION  
CENELEC EN 50173-1

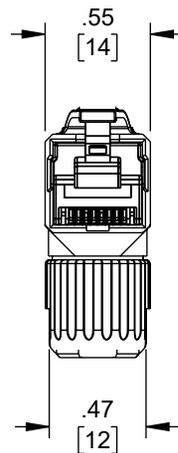
**POWER OVER ETHERNET:**  
PoE+ TYPE I & II  
IEEE 802.3at  
IEC 60512-99-001 (2012 - 08)  
IEC 60512-9-3 (2011-06)

**ELECTRICAL:**  
CONTACT RESISTANCE: 20 mOhm MAX.  
INSULATION RESISTANCE: 500 MOHM MINIMUM

**MECHANICAL**  
DURABILITY: 1000 MATING CYCLES  
CABLE TO PLUG TENSILE STRENGTH: 20 lbs. (89N) MIN.  
TEMPERATURE: -40° F TO +150° F (-40°C TO +68°C)

**MATERIAL/FINISH**  
IDC-CONTACT: THICKNESS = 0.35 mm PHOSPHOR BRONZE,  
Sn OVER NICKEL PLATING.  
RECOMMENDED CABLE: #23-22AWG SOLID WIRE. OD: 6.0 - 8.5mm

**MISCELLANEOUS:**  
ANGLE CAN BE SET AT 45° INCREMENTS.  
ALL DIMENSIONS ARE FOR REFERENCE ONLY.  
PLUG ASSEMBLY COMES UN-ASSEMBLED AND SHALL BE  
INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM  
SPECIFICATION PS-0031.

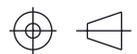


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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS	
TOLERANCES:	
X = ±.2 [5]	FRACTIONS ± 1/32
.XX = ±.02 [0.5]	ANGLES ± 1°
.XXX = ±.005 [0.13]	
CABLE LENGTH TOLERANCES:	
≤12 [305] = +1 [25] / -0	
>12 [305] ≤ 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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Website: www.L-com.com  
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INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION  
RJ45 PLUG PROFINET FIELD TERM SHIELDED 90°

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DFRISIELLO	TSPFTPFNS-RA	B

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