

6

5

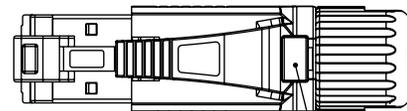
4

3

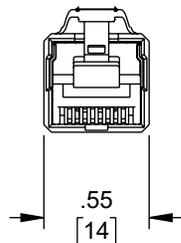
2

1

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

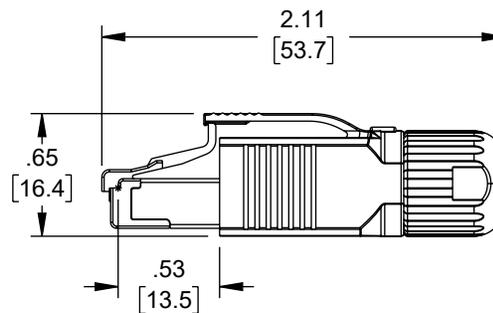


COLOR CODED  
ICON (RED OR BLUE)



.55

[14]



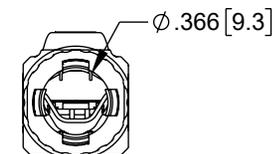
2.11

[53.7]

.65  
[16.4]

.53

[13.5]



Ø .366 [9.3]

## NOTES:

## SPECIFICATIONS:

CAT 5e RJ45 PLUG, 2 PAIRS  
QUALIFIED SCREENED CLASS D  
IEC 60603-7-5  
ISO/IEC 11801 2.2 EDITION  
CENELEC EN50173

## 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 MAXIMUM  
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)

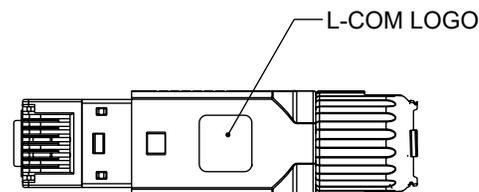
## PHYSICAL:

IDC CONTACT: T=0.35 mm PHOSPHOR BRONZE, Sn OVER NICKEL PLATING.  
RECOMMENDED CABLE: #23AWG-22AWG SOLID WIRE.

## MISCELLANEOUS:

ALL DIMENSIONS ARE FOR REFERENCE ONLY.  
COMPONENT SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE  
WITH L-COM SPECIFICATION PS-0031.

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L-COM LOGO

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°

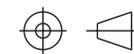
## CABLE LENGTH TOLERANCES:

≤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				
RJ45 PLUG PROFINET FIELD TERM SHIELDED				
SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DFRISIELLO	TSPFPTFNS	B

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