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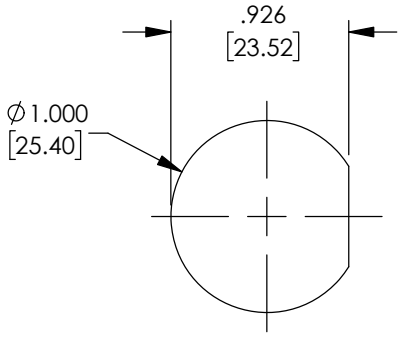
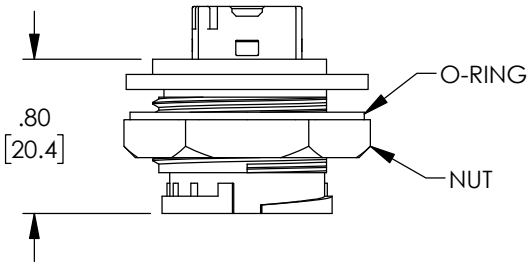
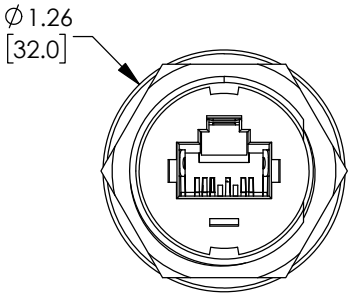
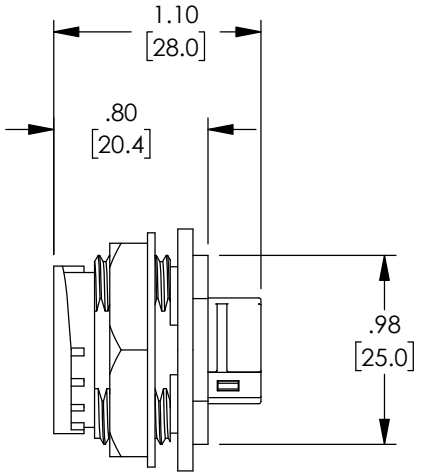
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	11/07/2019	DGUTTADAUR



RECOMMENDED
PANEL CUTOUT







SPECIFICATION:
QUALIFIED SCREENED CAT.6A PEMANENT LINK & CHANNEL
TIA-568.2-D
IEC60603-7-51
ISO/IEC11801 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:
INSULATION RESISTANCE: 500 MOHMS MINIMUM
CONTACT RESISTANCE: 20 MOHMS MAXIMUM

MECHANICAL:
PLUG INSERTION LIFE: 750 CYCLES MINIMUN
IP67 ADAPTER & NUT: HIGH IMPACT FLAME RETARDANT PLASTIC
PLUG RETENTION FORCE: 20 LBS MINIMUN
TEMPERATURE: -40°F TO 150°F (-40°C TO 68°C)

PHYSICALS:
HOUSING & COVER: DIE CASTING
CONTACT WIRES: PHOSPHOR BRONZE GOLD OVER NICKEL PLATED
O-RING: RUBBER(NBR)

APPLICATION:
• IP67 INDUSTRIAL (WHEN MATED)

MISCELLANEOUS:
ALL DIMENSIONS ARE FOR REFERENCE ONLY.
COMPONENTS COME UN-ASSEMBLED, AND SHALL BE PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]
OVERALL CABLE LENGTH TOLERANCE:
≤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 OTHER DIMENSIONAL TOLERANCES:
.X = ± .2 [5] | FRACTIONS ± 1/32
.XX = ± .02 [.5] | ANGLES ± 1°
.XXX = ± .005 [.13]
THIRD-ANGLE PROJECTION

APPROVALS	DATE
DRAWN BY DFRISIELLO	11/06/2019
CHECKED BY DGUTTADAUR	11/07/2019
APPROVED BY DGUTTADAUR	11/07/2019

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

COLOR VARIATIONS MAY OCCUR

L-com an INFINITE brand
50 High Street, West Mill,
North Andover, MA 01845 USA.
Phone: 1.800.341.5266
1.978.682.6936

CATEGORY
TELECOM/MODULAR

PRODUCT DESCRIPTION
CAT 6A SHLD RJ45 CPLR DIE CAST PoE+ IP67 BH KIT

SIZE	CAGE CODE	DWG. NO.	REV.
A	43321	TDG1026KS-C6A-DC-WPK	A

SCALE: NONE | CAD FILE: TDG1026KS-C6A-DC-WPK.SLDDRW | SHEET 1 OF 1

T-Rev.D