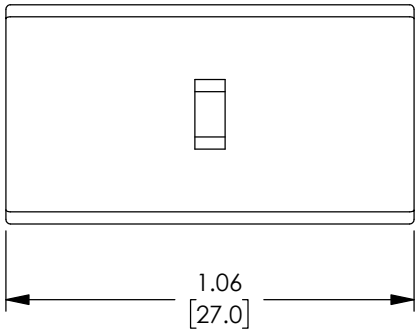
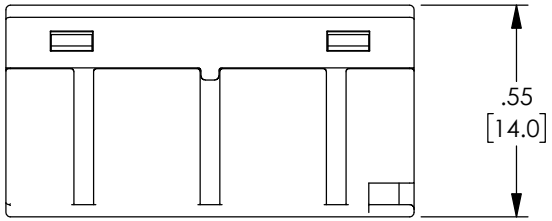
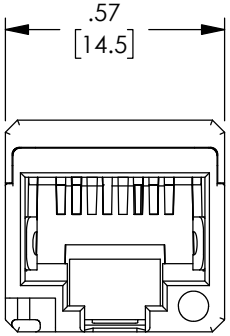
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF L-COM, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF L-COM, INC. IS PROHIBITED.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	11/06/2019	DGUTTADAUR







SPECIFICATIONS:
QUALIFIED SCREENED CAT 6A PERMANENT LINK & CHANNEL
TIA-568.2-D
IEC 60603-7-51
ISO/IEC 11801 2.2 EDITION
CENELEC EN50173-1

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 MAXIMUM
INSULATION RESISTANCE: 500 MOhm MINIMUM

MECHANICAL:
PLUG INSERTION LIFE: 750 MATING CYCLES, MINIMUM
CABLE TO PLUG FORCE: 20 LBS MINIMUM
TEMPERATURE: -40°F TO 150°F (-40˚C TO +68˚C)

PHYSICAL:
HOUSING AND COVER: DIE CASTING
CONTACT WIRES: PHOSPHOR BRONZE, GOLD OVER NICKEL PLATE

MISCELLANEOUS:
ALL DIMENSIONS ARE FOR REFERENCE ONLY.
COMPONENT SHALL BE INDIVIDUALLY 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]
.XX = ± .02 [.5]
.XXX = ± .005 [.13]

PROJECTION

APPROVALS	DATE
DRAWN BY DFRISIELLO	10/31/2019
CHECKED BY DGUTTADAUR	11/06/2019
APPROVED BY DGUTTADAUR	11/06/2019

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

COLOR VARIATIONS MAY OCCUR

L-com an INFINITE brand
50 HIGH STREET
NORTH ANDOVER, MA
01845

CATEGORY
TELECOM/MODULAR

PRODUCT DESCRIPTION
CAT 6A SHLD RJ45 INLINE CPLR DIE CAST PoE+

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

SCALE: NONE SHEET 1 OF 1

L-com (OD) 2019