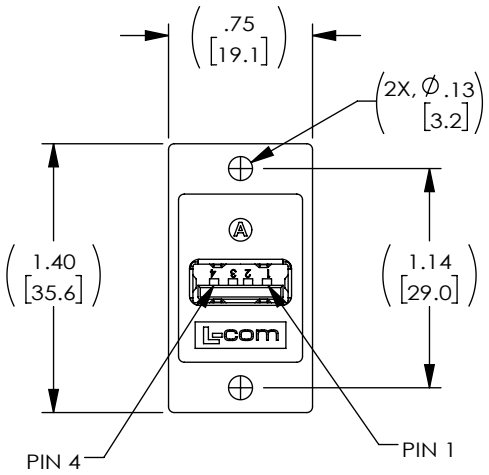
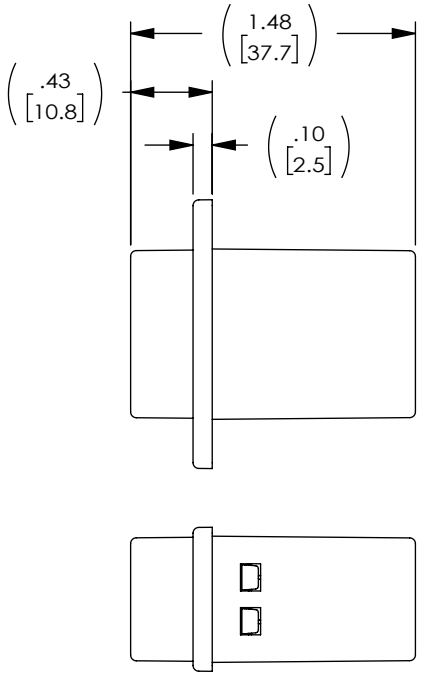
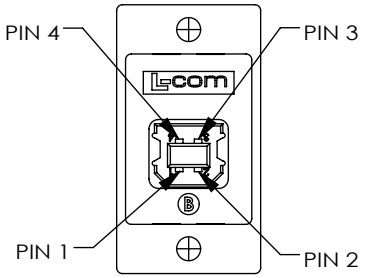
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	CN RELEASE	02/26/2010	D.GRIFFIN
B	ECN 7180: REVISED MODEL TO SNAP VERSION, UPDATED ROHS, FORMAT	11/27/2013	D.FRISIELLO
C	ECN 11790: CORRECT OPERATING TEMPERATURE TO -10 TO +70°C	04/13/2022	D.REBECK



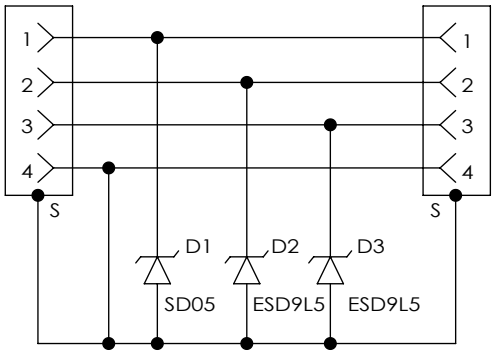
USB TYPE "A"
JACK
"J1"

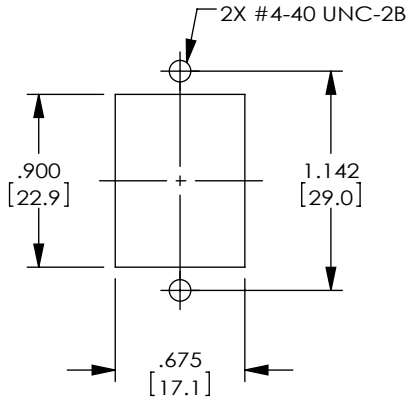




USB TYPE "B"
JACK
"J2"

"J1" WIRE MAP "J2"





RECOMMENDED
PANEL CUTOUT

NOTES:

MATERIAL:
COUPLER HOUSING: ABS, UL94V-0.
CONNECTOR INSULATORS: WHITE PBT WITH GLASS FIBER.
PCB: EPOXY GLASS FP-4, 94V-0 FLAMMABILITY RATING.

FINISH:
COUPLER HOUSING: CHROME.
CONNECTOR CONTACTS: GOLD, 30µ INCHES.
CONNECTOR SHELLS: NICKEL.

ELECTRICAL:
DATA LINE CLAMPING VOLTAGE: 5.4V.
POWER LINE CLAMPING VOLTAGE: 6.5V.

ENVIRONMENTAL:
OPERATING TEMPERATURE: -10˚C TO +70˚C. C

MISCELLANEOUS:
COUPLER SHALL BE TESTED FOR CONTINUITY.
COUPLER SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM PACKAGING SPEC 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 D. CASTRO	07/24/2009
CHECKED BY D. PARHAM	07/24/2009
APPROVED BY S. SMITH	07/24/2009

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

COLOR VARIATIONS MAY OCCUR

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Phone: 1.800.341.5266
1.978.682.6936

CATEGORY
LIGHTNING PROTECTORS

PRODUCT DESCRIPTION
LP, USB A/B W/ECF HOUSING

SIZE	CAGE CODE	DWG. NO.	REV.
A	43321	AL-ECF504-AB	C

SCALE: NONE | CAD FILE: AL-ECF504-AB.SLDDRW | SHEET 1 OF 1