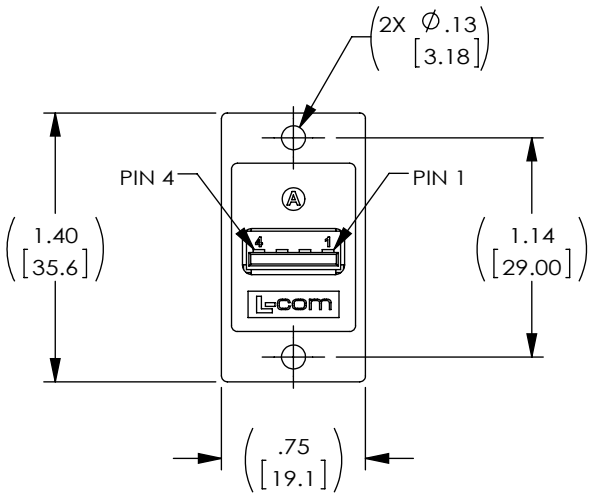
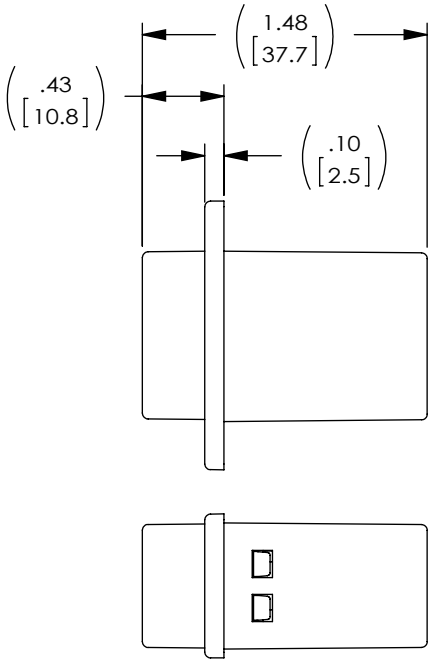
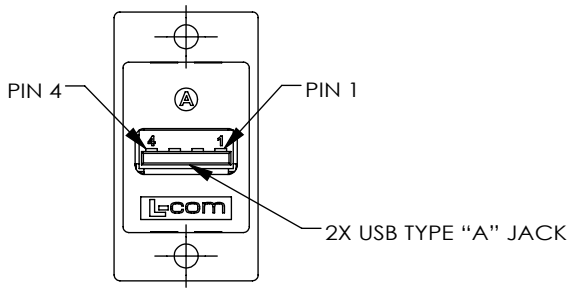
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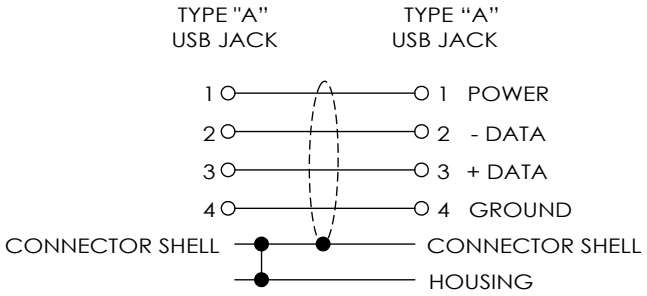
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	9/3/14	D.GRIFFIN
B	ECN 8409: ADD TEMPERATURE RATING -10~70°C	7/15/16	S.LI

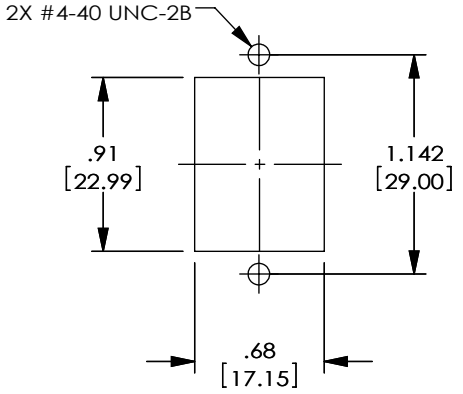






WIRING MAP





RECOMMENDED PANEL CUTOUT

NOTES:

MATERIAL:
COUPLER HOUSING: ABS, UL94V-0.
CONNECTOR PLASTIC: PBT WITH GLASS FIBER
CONNECTOR CONTACTS: COPPER ALLOY
CONNECTOR SHELL: STEEL ALLOY
PCB: EPOXY GLASS FP-4, 94V-0 FLAMMABILITY RATING

FINISH:
COUPLER HOUSING: CHROME
CONNECTOR CONTACTS: GOLD, 30µ INCHES
CONNECTOR SHELL: NICKEL 100µ INCHES MIN.

MISCELLANEOUS:
TOTAL UNMATING FORCE: 15N MIN. [3.37 lbf]
TOTAL MATING FORCE: 40N MAX. [9.0 lbf]
COMPONENT SHALL BE TESTED FOR CONTINUITY.
OPERATING TEMPERATURE: -10°C TO +70°C (B)

PACKAGING:
COMPONENT SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

REGULATORY COMPLIANCE:
CE2011/65/EU(RoHS DIRECTIVE)

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 [5.08]
.XX = ± .02 [.51]
.XXX = ±.005 [.13]
PROJECTION

APPROVALS	DATE
DRAWN BY D.FRISIELLO	7/28/14
CHECKED BY R.SCOTT	7/28/14
APPROVED BY S.SMITH	7/28/14

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

COLOR VARIATIONS MAY OCCUR

L-COM Global Connectivity
50 HIGH STREET
NORTH ANDOVER, MA
01845

CATEGORY
USB

PRODUCT DESCRIPTION
USB A-A PNL ADPT SHLD HI-RET

SIZE	FSCM NO.	DWG. NO.	REV.
A	43321	ECF504-UAAS-HR	B

SCALE: NONE | CAD FILE: ECF504-UAAS-HR.SLDDRW | SHEET 1 OF 1