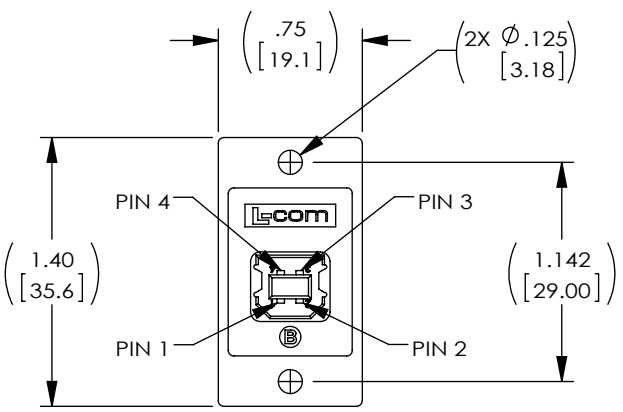
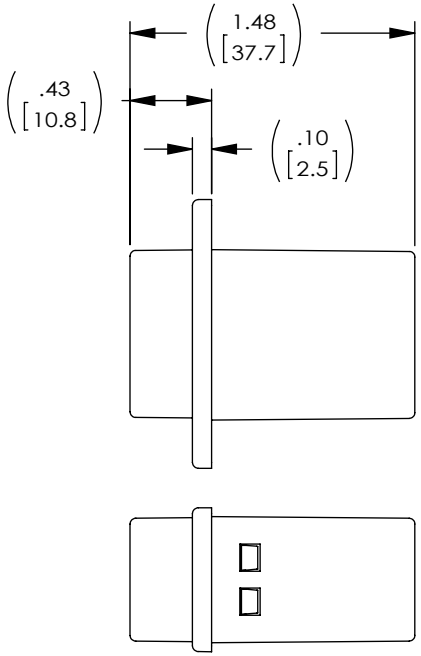
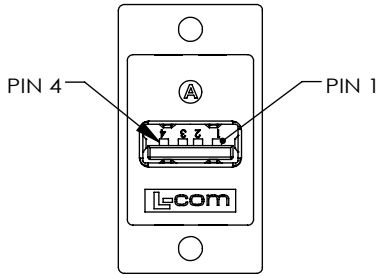
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	9/3/14	D.GRIFFIN
B	ECN 8409: ADD TEMPERATURE RATING -10~70°C	7/15/16	S.LI
C	ECN 8786; REVISE 35N TO 60N FOR "B" TOTAL MATING FORCE.	05/24/17	B.ZHANG



USB TYPE "B"
JACK
"J1"





USB TYPE "A"
JACK
"J2"

NOTES:

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

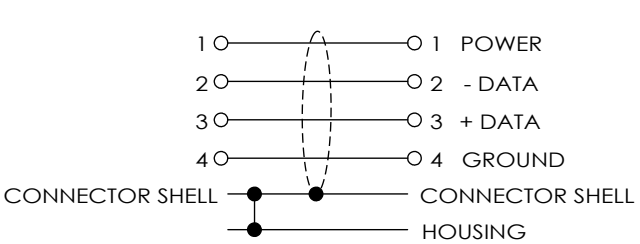
FINISH:
COUPLER HOUSING: CHROME
"A&B" CONNECTOR CONTACTS: GOLD, 30µ INCHES
CONNECTOR SHELLS: NICKEL PLATE 100µ INCHES MIN.

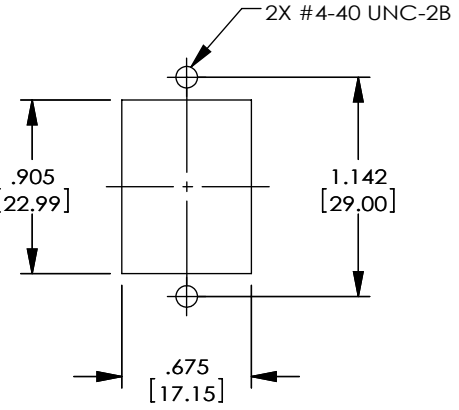
MISCELLANEOUS:
"A" TOTAL UNMATING FORCE: 15N MIN. [3.37 lbf]
"A" TOTAL MATING FORCE: 40N MAX. [8.99 lbf]
"B" TOTAL UNMATING FORCE: 15N MIN. [3.37 lbf]
"B" TOTAL MATING FORCE: 60N MAX. [13.50 lbf] C
COMPONENT SHALL BE TESTED FOR CONTINUITY.
OPERATING TEMPERATURE: -10˚C TO +70˚C

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

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

WIRING MAP





RECOMMENDED
PANEL CUTOUT

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	8/5/14
CHECKED BY R.SCOTT	8/6/14
APPROVED BY S.SMITH	8/6/14

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-B PNL ADPT SHLD HI-RET

SIZE	FSCM NO.	DWG. NO.	REV.
A	43321	ECF504-BAS-HR	C

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