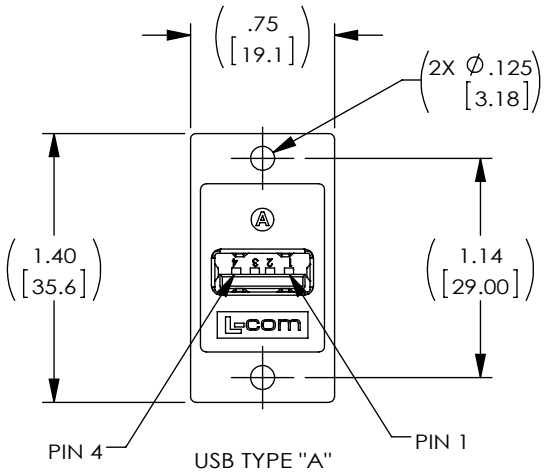
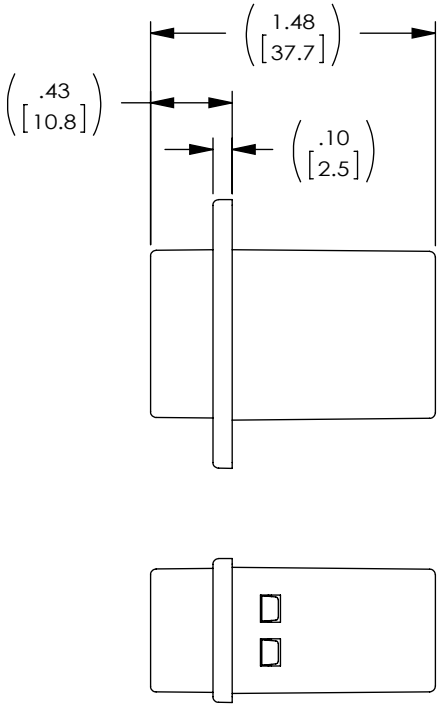
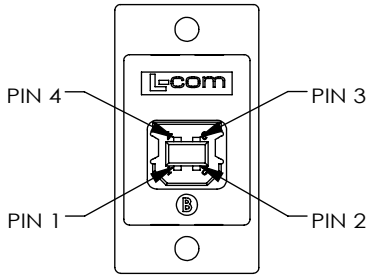
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| REVISIONS | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | APPROVED |
| A | INITIAL RELEASE | 9/3/14 | D.GRIFFIN |
| B | ECN 8409: ADD TEMPERATURE RATING -10~70°C | 7/15/16 | S.LI |
| C | ECN 8786; REVISE 35N TO 60N FOR "B" TOTAL MATING FORCE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




USB TYPE "A" JACK "J1"




USB TYPE "B" 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

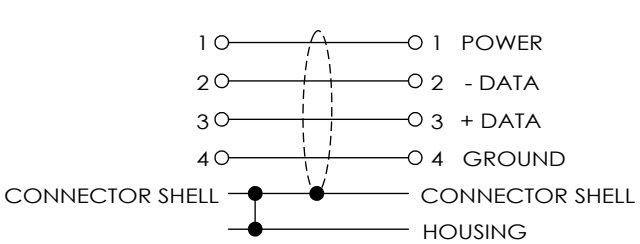
**FINISH:**
COUPLER HOUSING: CHROME
"A&B" CONNECTOR CONTACTS: GOLD, 30µ INCHES
CONNECTOR SHELLS: NICKEL PLATE 100µ INCHES MIN.

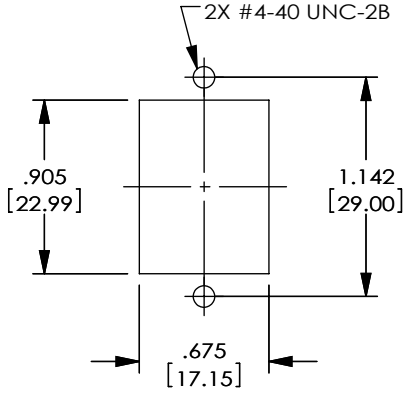
**MISCELLANEOUS:**
"A" TOTAL UNMATING FORCE: 15N MIN. [3.37 lbf]
"A" TOTAL MATING FORCE: 40N MAX. [8.99 lbf]
"B" TOTAL UNMATING FORCE: 15N MIN. [3.37 lbf]
"B" TOTAL MATING FORCE: 60N MAX. [13.50 lbf] △C
COMPONENT SHALL BE TESTED FOR CONTINUITY.
OPERATING TEMPERATURE: -10°C TO +70°C

**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 | 8/6/14 |
| 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-UABS-HR | C |

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