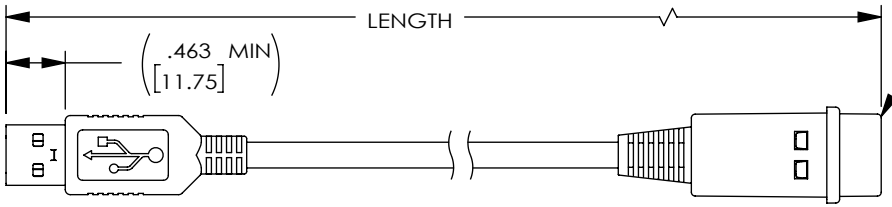
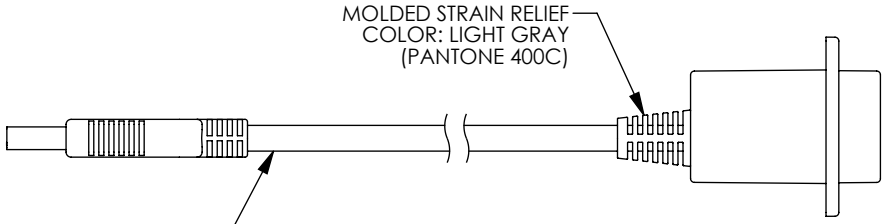
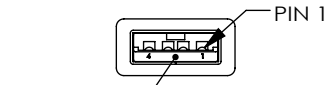
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF L-COM, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF L-COM, INC. IS PROHIBITED.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	01/06/2014	D.GRIFFIN
B	ECN 11790: CORRECT OPERATING TEMPERATURE TO -10 TO +70°C	04/13/2022	D.REBECK

PART NUMBER	LENGTH	
	INCHES	MM
AL-ECF504-AA12	12.0	[304.8]
AL-ECF504-AA24	24.0	[609.6]
AL-ECF504-AA36	36.0	[914.4]
AL-ECF504-AA48	48.0	[1219.2]
AL-ECF504-AA72	72.0	[1828.8]

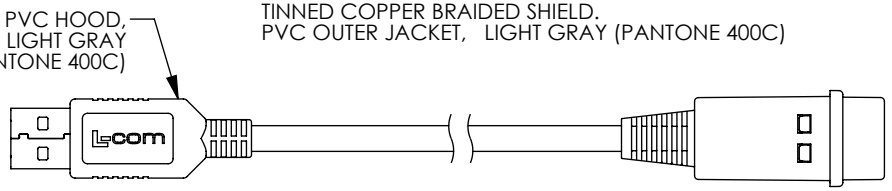


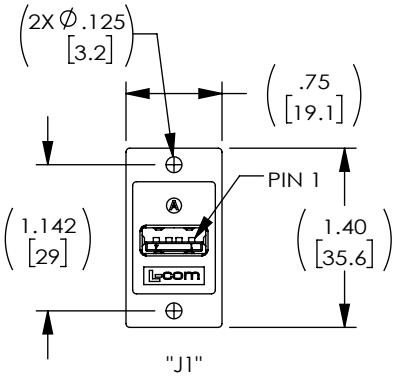




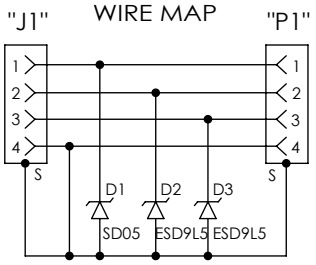
"P1"
USB SERIES "A" PLUG
CONTACTS: 30 µINCHES
GOLD PLATING

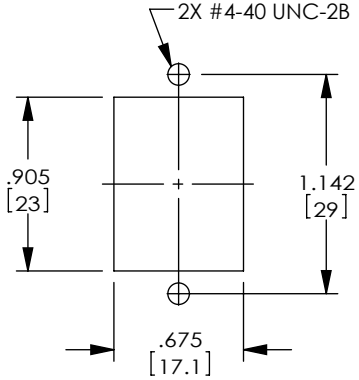
ONE 28AWG STRANDED TINNED COPPER TWISTED PAIR
TWO 20AWG STRANDED TINNED COPPER CONDUCTORS
OVERALL ALUMINIZED POLYESTER SHIELD WITH DRAIN WIRE PLUS
TINNED COPPER BRAIDED SHIELD.
PVC OUTER JACKET, LIGHT GRAY (PANTONE 400C)





"J1"
USB SERIES "A" RECEPTACLE
BULKHEAD ADAPTOR
CONTACTS: 30 µINCHES
GOLD PLATING





RECOMMENDED
PANEL CUT OUT

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. (B)

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]
.XX = ± .02 [.5]
.XXX = ± .005 [.13]
FRACTIONS ± 1/32
ANGLES ± 1°
THIRD-ANGLE PROJECTION

APPROVALS	DATE
DRAWN BY BPUCHASKI	10/30/2013
CHECKED BY P.PESA	10/30/2013
APPROVED BY P.PESA	10/30/2013

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

COLOR VARIATIONS MAY OCCUR

L-com an INFINITE brand
50 High Street, West Mill,
North Andover, MA 01845 USA.
Phone: 1.800.341.5266
1.978.682.6936

CATEGORY
LIGHTNING PROTECTORS

PRODUCT DESCRIPTION
LP, USB 2.0 A/A W/ PIGTAIL

SIZE	CAGE CODE	DWG. NO.	REV.
A	43321	AL-ECF504-AAXX	B

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

T-Rev.D