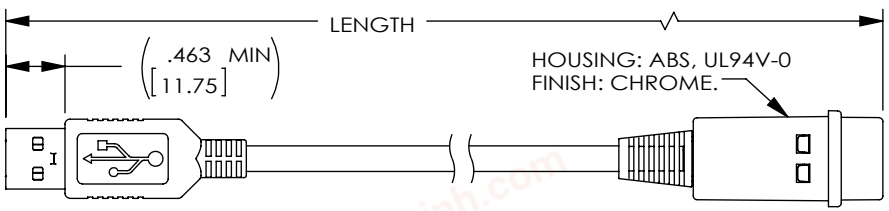
chanhvinh.com

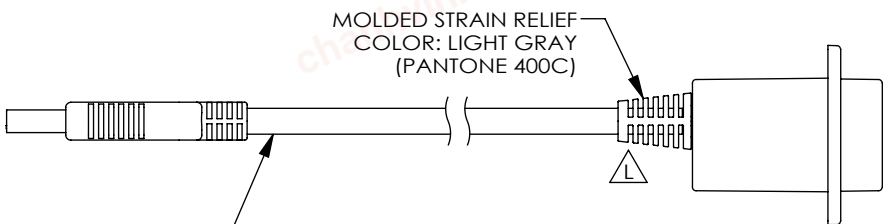
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF L-COM, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF L-COM, INC. IS PROHIBITED.

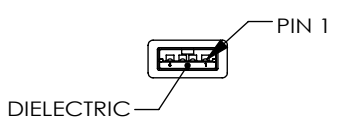
REVISIONS

REV	DESCRIPTION	DATE	APPROVED
J	ECN 8409: ADD TEMPERATURE RATING -10~70°C	7/15/16	S.LI
K	ECN 8666: REVISED ADAPTER TO USB 2.0 STANDARDS	3/9/17	D.FRISIELLO
L	ECN8674: REVISE STRAIN RELIEF FROM 2 PCS TO 1PC TYP. IN THE PNL MNT END.	03/15/2017	B.ZHANG

PART NUMBER	LENGTH	
	INCHES	MM
ECF504-12AAS	12.0	[304.8]
ECF504-24AAS	24.0	[609.6]
ECF504-36AAS	36.0	[914.4]
ECF504-72AAS	72.0	[1828.8]
ECF504-120AAS	120.0	[3048.0]

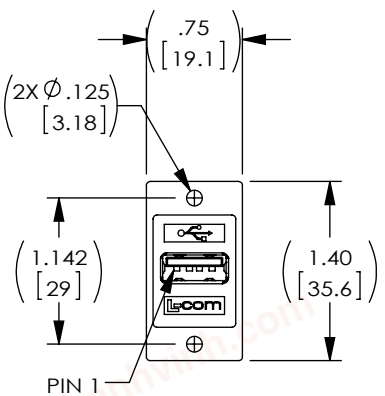




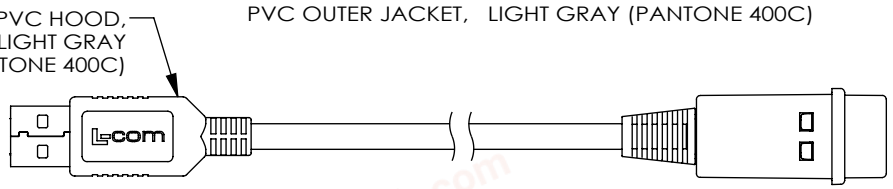


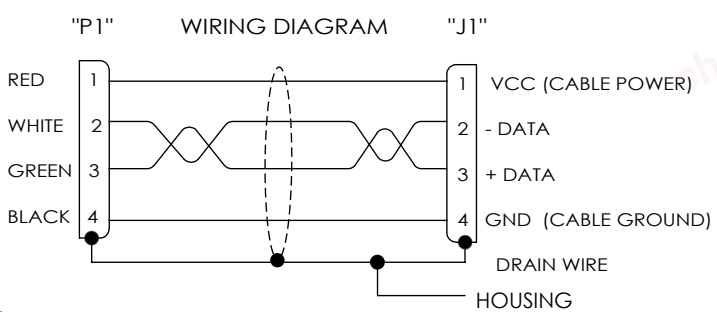
"P1"
USB SERIES "A" PLUG
CONTACTS: 30 µINCHES
GOLD PLATING

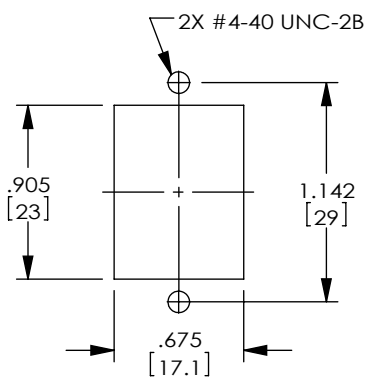
ONE 28AWG STRANDED TINNED COPPER TWISTED PAIR
TWO 20AWG STRANDED TINNED COPPER CONDUCTORS
OVERALL ALUMINIZED POLYESTER SHIELD WITH DRAIN WIRE
PLUS TINNED COPPER BRAIDED SHIELD.
PVC OUTER JACKET, LIGHT GRAY (PANTONE 400C)



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







RECOMMENDED
PANEL CUT OUT

NOTES:

1. OPERATING TEMPERATURE: -10°C TO +70°C
2. CABLE ASSEMBLY SHALL HAVE 360° SHIELD TERMINATION.
3. CABLE ASSEMBLY SHALL MEET USB 2.0 REQUIREMENTS.
4. CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
5. CABLE ASSEMBLY 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 C.MCCORMICK	04/02/2003
CHECKED BY D.PARHAM	04/02/2003
APPROVED BY R.CARRICK	04/02/2003

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-F PNL MNT/A-M SHLD

SIZE	FSCM NO.	DWG. NO.	REV.
A	43321	ECF504-AAS	L

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