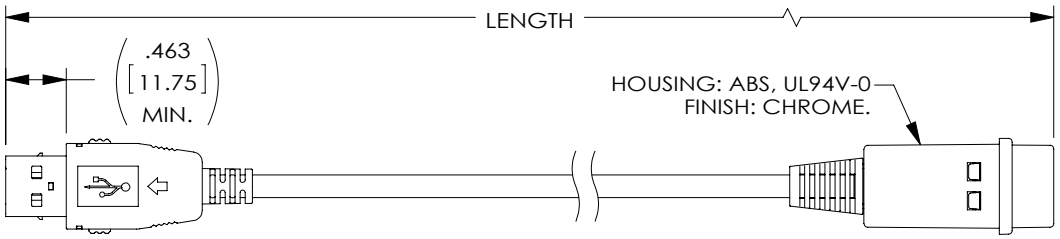
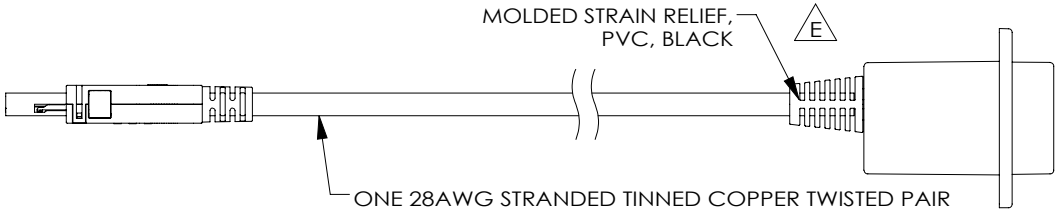
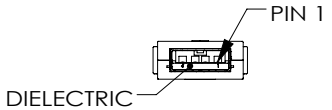
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ECN8674: REVISE STRAIN RELIEF FROM 2 PCS TO 1PC TYP. IN THE PNL MNT END.	03/15/2017	B.ZHANG

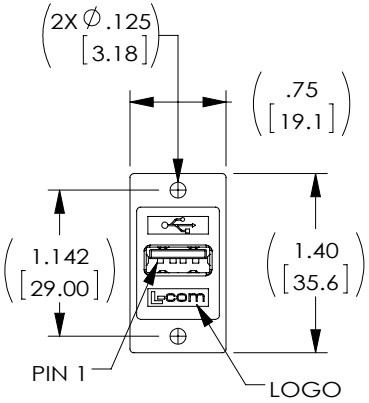
PART NUMBER	LENGTH	
	INCHES	MM
ECF504-12AAL	12.0	[304.8]
ECF504-24AAL	24.0	[609.6]
ECF504-36AAL	36.0	[914.4]
ECF504-72AAL	72.0	[1828.8]
ECF504-120AAL	120.0	[3048.0]



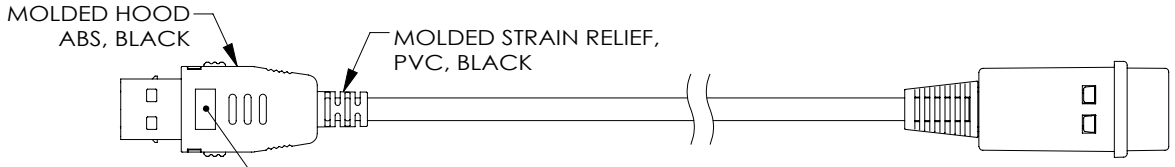




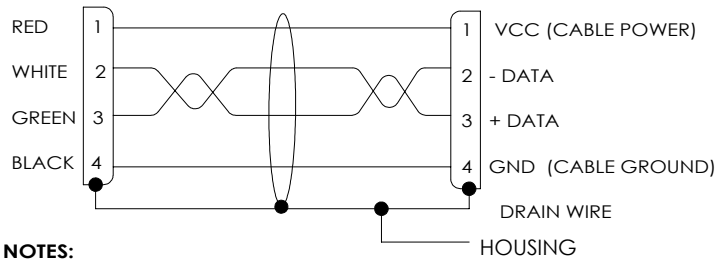
"P1"
USB SERIES "A"
LATCHING PLUG
CONTACTS: 30 µINCHES
GOLD PLATING

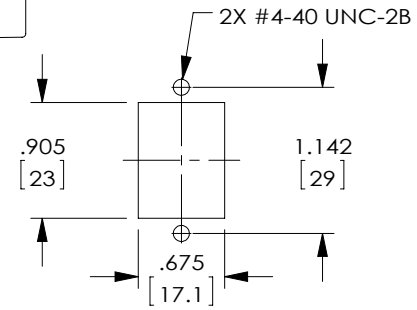


"J1"
USB SERIES "A" RECEPTACLE
BULKHEAD ADAPTOR
CONTACTS: 30 µINCHES
GOLD PLATING



"P1" WIRING DIAGRAM "J1"





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 D. DESJARDIN	10/24/12
CHECKED BY R. SCOTT	10/24/12
APPROVED BY S. SMITH	10/24/12

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 LTCH-M

SIZE	FSCM NO.	DWG. NO.	REV.
A	43321	ECF504-AAL	E

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