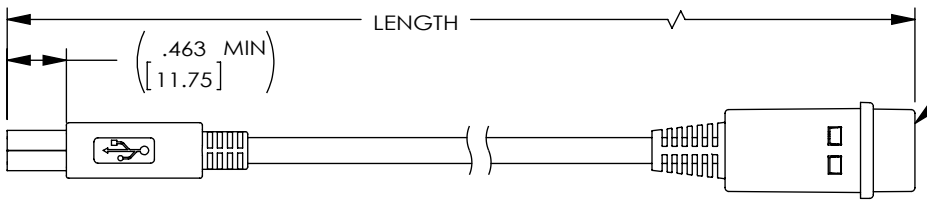
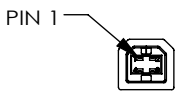
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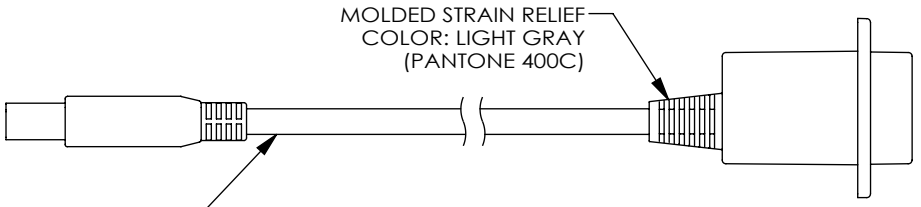
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ECN 8409: ADD TEMPERATURE RATING -10~70°C	7/15/16	S.LI

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

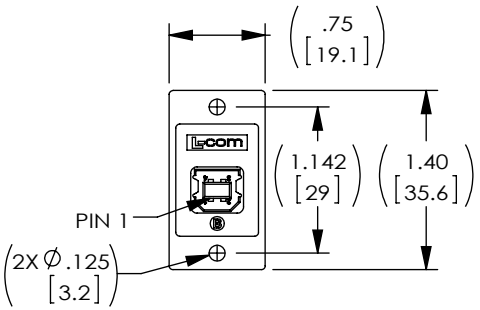




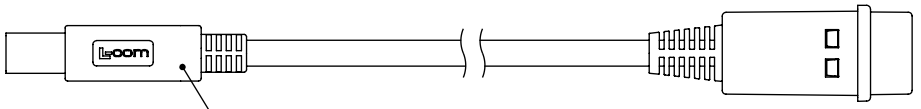
"P1"
USB SERIES "B" PLUG
CONTACT: 30 µINCHES
GOLD PLATING

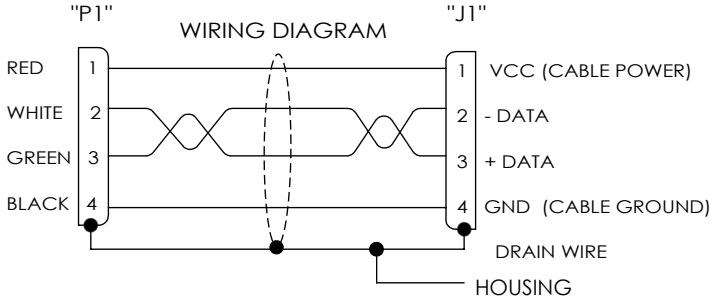


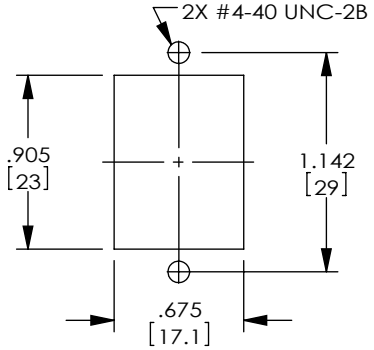
ONE 28AWG STRANDED TINNED COPPER TWISTED PAIR
TWO 20AWG STRANDED TINNED COPPER CONDUCTORS
OVERALL ALUMINIZED POLYESTER SHIELD WITH DRAIN WIRE
PLUS TINNED COPPER BRAIDED SHIELD.
PVC OUTER JACKET, LIGHT GRAY (PANTONE 400C)



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







RECOMMENDED
PANEL CUT OUT

NOTES:

△E
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. PARHAM	11/29/2010
CHECKED BY	D. CASTRO	11/29/2010
APPROVED BY	S. SMITH	11/30/2010

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 B-F PNL MNT/B-M SHLD

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

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