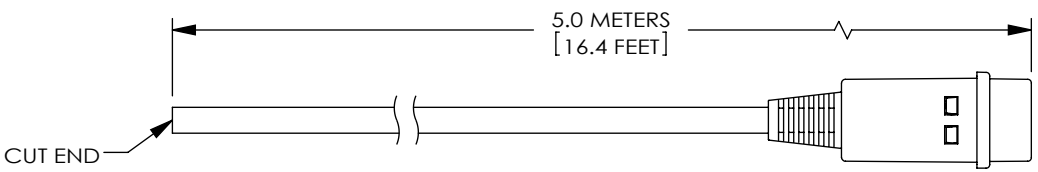
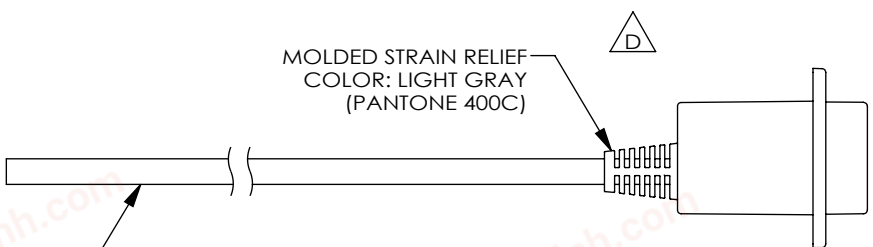
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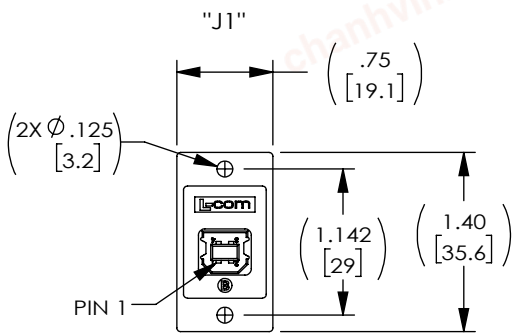
REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	11/30/10	D.GRIFFIN
B	ECN 6716: CN RELEASE ON SNAP-ON COVER	3/5/13	D.FRISIELLO
C	ECN 8409: UPDATE TEMPERATURE RATING TO -10~70°C	7/15/16	S.LI
D	ECN 9144: ROTATE THE S.R. 90 DEG, UPDATE DESCRIPTION	04/16/18	S.LI



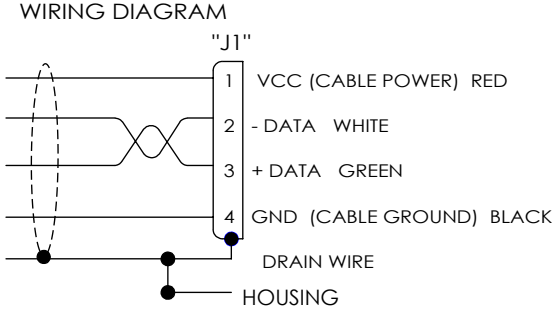


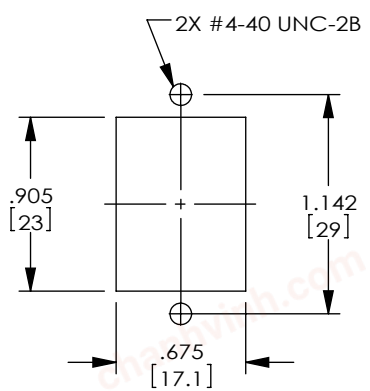
ONE 28AWG TWISTED PAIR (DATA)
PLUS TWO 20 AWG CONDUCTORS (POWER)
OVERALL ALUMINIZED POLYESTER SHIELD WITH
DRAIN WIRE PLUS TINNED COPPER BRAID SHIELD.
PVC OUTER JACKET: LIGHT GRAY (PANTONE 400C).



USB TYPE "B" JACK
BULKHEAD ADAPTOR
SHIELDED

WIRING DIAGRAM





RECOMMENDED
PANEL CUT OUT

NOTES:

MATERIAL:
TYPE "B" JACK:
BULKHEAD HOUSING: ABS, UL94V-0, FINISH: CHROME.
CONTACTS: PHOSPHOR BRONZE, FINISH: 30µ GOLD.
CONNECTOR SHELL: BRASS, NICKEL PLATED.
PCB: EPOXY GLASS FP-4, 94V-0 FLAMMABILITY RATING.

MISCELLANEOUS:
MUST BE USB 2.0 COMPLIANT.
OPERATING TEMPERATURE: -10°C TO +70°C.
CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM PACKAGING SPEC 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/CUT END

SIZE	FSCM NO.	DWG. NO.	REV.
A	43321	ECF504-B-5M	D

SCALE: NONE | CAD FILE: ECF504-B-5M.SLDDRW | SHEET 1 OF 1