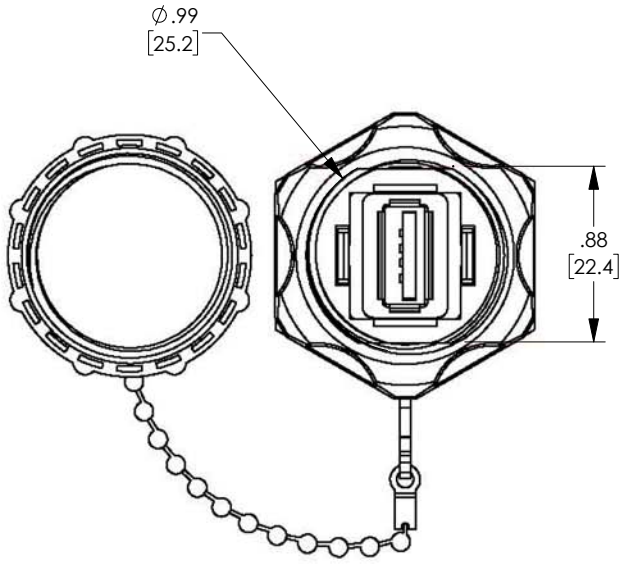
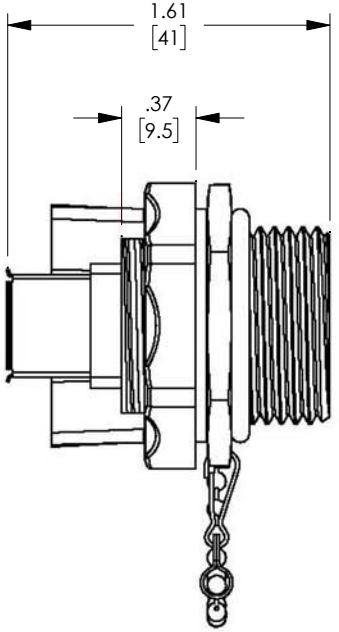
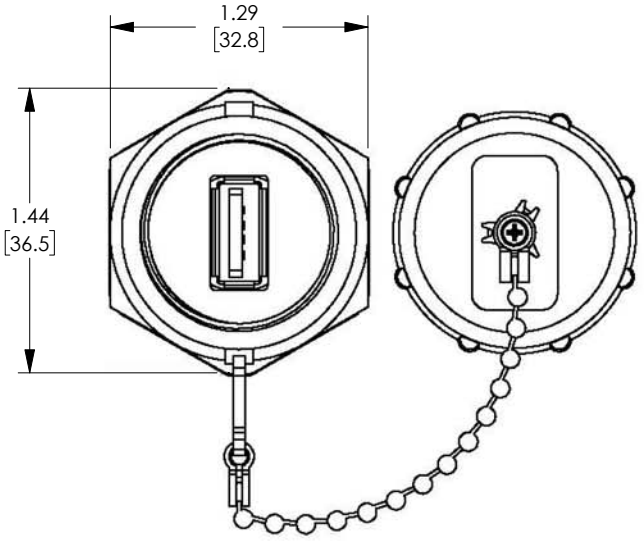
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	09/27/17	R.CLARK
B	ECN 9109: ADD RECOMMENDED PANEL CUTOUT	5/17/18	D.FRISIELLO







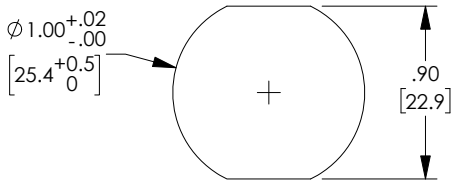
MATERIAL
MAIN BODY & DUST CAP: PBT+GF, UL94V-0.
USB CONTACTS: BRASS AND PHOSPHOR BRONZE, GOLD PLATED.
SHELL: BRASS, NICKEL PLATED.
HOOD: MOLDED 25P PVC.
CHAIN: BRONZE, NICKEL PLATED.
ADAPTER: USB AF/AF REV3.0, BLUE INSULATION, NICKEL PLATED SHELL.

PHYSICAL CHARACTERISTICS
MATING: 35N MAX.
WITHDRAWAL: 10N MIN.
DURABILITY: 1500 CYCLES MIN.
STORAGE TEMPERATURE RANGE: -20°C TO 80°C.
HUMIDITY: 10%-90%RH.

ELECTRICAL
IMPEDANCE: 90±7Ω
VOLTAGE RATING: 30 VAC
CURRENT RATING:
1.5A FOR VBUS ADD GND CONTACTS,
0.25A FOR OTHER CONTACTS.
INSULATION RESISTANCE: 20 MΩ MAX.
LOW LEVEL CONTACT RESISTANCE:
30 MΩ FOR VBUS ADD GND CONTACTS.
50 MΩ FOR OTHER CONTACTS.
DIELECTRIC WITHSTANDING VOLTAGE:
NO BREAKDOWN SHALL OCCUR WHEN 100 VOLTS AC(RMS) IS APPLIED BETWEEN CONTACTS OF UNMATED AND MATED CONNECTORS.

NOTES:
1. ALL DIMENSIONS ARE FOR REFERENCE ONLY.
2. COMPONENT SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

REGULATORY COMPLIANCE:
CE2011/65/EU(RoHS DIRECTIVE)
IEC 60529-IP67: PROTECTION FROM IMMERSION IN WATER FOR 30 MINUTES AT A DEPTH OF UP TO 1 METER.



RECOMMENDED PANEL CUTOUT (B)

PIN ASSIGNMENT

A FEMALE	A FEMALE
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
SHELL	SHELL

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 R.CLARK	09/27/17
CHECKED BY D.FRISIELLO	9/28/2017
APPROVED BY B.GATES	9/28/2017

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY
COLOR VARIATIONS MAY OCCUR

L-COM Global Connectivity
50 HIGH STREET
NORTH ANDOVER, MA
01845

CATEGORY
USB 3.0

PRODUCT DESCRIPTION
ADPT, USB RIDGID IND A-A F

SIZE	FSCM NO.	DWG. NO.	REV.
A	43321	U3C00031	B

SCALE: NONE | CAD FILE: U3C00031.SLDDRW | SHEET 1 OF 1