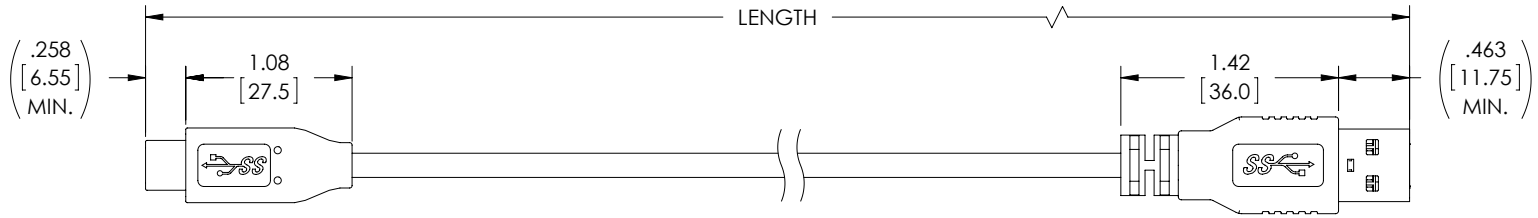
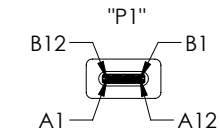
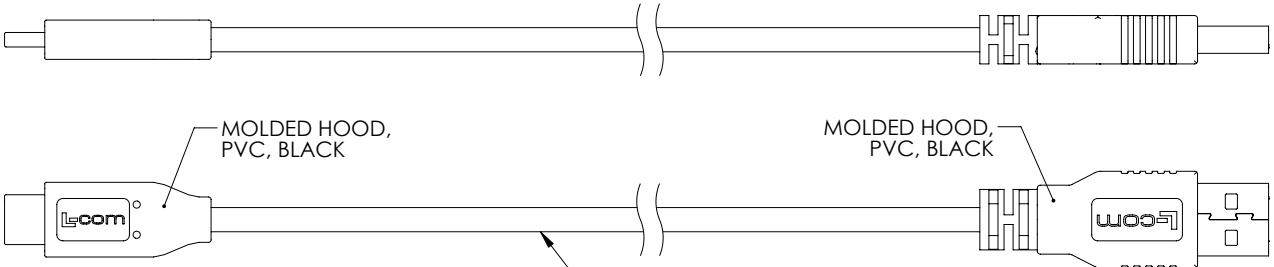
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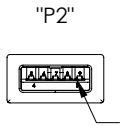
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	1/25/16	D.GRIFFIN
B	ECN 8306: UPDATE TO USB TYPE C VERISON 1.2, ADD CONNECTION LINE TO THE WIRE MAP	4/20/16	S.LI
C	ECN 8937: CHG PRODUCT DESCRIPTION FROM USB 3.1 TO USB 3.0	9/20/2017	R.CLARK





C USB 3.0 PLUG SERIES "C" 30µ INCHES GOLD PLATING





C USB 3.0 PLUG SERIES "A" 30µ INCHES GOLD PLATING

UL STYLE 2725,
(1) 32AWG STRANDED TINNED COPPER TWISTED PAIR
(2) 32AWG SHIELDED STRANDED TINNED COPPER TWISTED PAIR WITH DRAIN WIRE
(2) 26AWG STRANDED TINNED COPPER CONDUCTORS
OVERALL ALUMINUM/POLYESTER SHIELD PLUS TINNED COPPER BRAID SHIELD
JACKET: PVC, BLACK (NOM DIA. .165" [4.2])

WIRE MAP					
"P1"	SIGNAL NAME	CONDUCTOR	"P2"	SIGNAL NAME	COLOR
A1,B1,A12,B12	GND	INDV.	4	GND	BLACK
		SHIELDED PAIR DRAIN 1, DRAIN 2	7	GND_DRAIN	N/A
A4,B4,A9,B9	V_{BUS}	INDV.	1	V_{BUS}	RED
A5	CC	N/C			
B5	V_{CONN}	N/C			
A6	Dp1	UNSHIELDED PAIR	3	D+	GREEN
A7	Dn1		2	D-	WHITE
A2	SSTXp1	SHIELDED PAIR 1	6	StdA_SSRX+	YELLOW
A3	SSTXn1		5	StdA_SSRX-	BLUE
B11	SSRXp1	SHIELDED PAIR 2	9	StdA_SSTX+	ORANGE
B10	SSRXn1		8	StdA_SSTX-	PURPLE
SHELL	SHIELD	BRAID	SHELL	SHIELD	N/A

10nF
56KΩ

PART NUMBER	LENGTH METERS [FEET]
CAU31CA-03M	0.3 [.98]
CAU31CA-05M	0.5 [1.64]
CAU31CA-1M	1.0 [3.28]
CAU31CA-2M	2.0 [6.56]
CAU31CA-3M	3.0 [9.84]
CAU31CA-5M	5.0 [16.40]

NOTES:

1. CABLE ASSEMBLY SHALL HAVE 360° SHIELD TERMINATION.
2. CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
3. L-COM LOGO AND USB ICON MAY BE ON ANY SIDE OF THE OVERMOLD FOR USB SERIES "C" END.
4. 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. CASTRO	4/23/15
CHECKED BY S. LI	1/15/16
APPROVED BY S. LI	1/15/16

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
CBL USB 3.0 TYPE C/A

SIZE	FSCM NO.	DWG. NO.	REV.
A	43321	CAU31CA	C

SCALE: NONE | CAD FILE: CAU31CA.SLDDRW | SHEET 1 OF 1