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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	07/21/2016	SLI
B	ECN 8937: CHG PRODUCT DESCRIPTION FROM USB 3.1 TO USB 3.0	09/20/2017	RCLARK
C	ECN 8944: UPDATE TO THE CORRECT STRAIN RELIEF FOR A FEMALE END	09/27/2017	SLI
D	ECN 9382: UPDATE THE OVERMOLD ON A FEMALE END	08/30/2018	SLI

(.258
[6.55]
MIN.)

LENGTH

D

DIELECTRIC "J1"

PIN 1

USB 3.0 RECEPTACLE
SERIES "A"
30μ INCHES
GOLD PLATING

"P1"
B12 B1
A1 A12

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

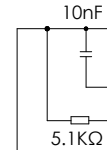
2X, MOLDED HOOD,
PVC, BLACK

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	"J1"	SIGNAL NAME	COLOR
A1,B1,A12,B12	GND	INDV.	4	GND	BLACK
A4,B4,A9,B9	V _{BUS}	INDV.	7	GND_DRAIN	N/A
A5	CC		1	V _{BUS}	RED
B5	V _{CONN}				
A6	Dp1	UNSHIELDED PAIR	3	D+	GREEN
A7	Dn1		2	D-	WHITE
A2	SSTXp1	SHIELDED PAIR 1	9	StdA_SSTX+	YELLOW
A3	SSTXn1		8	StdA_SSTX-	BLUE
B11	SSRXp1	SHIELDED PAIR 2	6	StdA_SSRX+	ORANGE
B10	SSRXn1		5	StdA_SSRX-	PURPLE
SHELL	SHIELD	BRAID	SHELL	SHIELD	N/A



NOTES:

- CABLE ASSEMBLY SHALL HAVE 360° SHIELD TERMINATION.
- CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
- L-COM LOGO AND USB ICON MAY BE ON ANY SIDE OF THE OVERMOLD FOR USB SERIES "C" END.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

REGULATORY COMPLIANCE:

CE2011/65/EU(RoHS DIRECTIVE)

PART NUMBER	LENGTH METERS [FEET]
CAU31CAF-03M	0.3 [.98]
CAU31CAF-05M	0.5 [1.64]
CAU31CAF-1M	1.0 [3.28]
CAU31CAF-2M	2.0 [6.56]
CAU31CAF-3M	3.0 [9.84]
CAU31CAF-3F	0.91 [3.0]

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	50 HIGH STREET NORTH ANDOVER, MA 01845	
	DRAWN BY CN_SEVEN_LI	07/13/2016		
	CHECKED BY CN_BILL_ZHANG	07/13/2016	CATEGORY	
	APPROVED BY CN_SHAWN_PAN	07/13/2016	USB	
COLOR VARIATIONS MAY OCCUR	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY		PRODUCT DESCRIPTION	
			CBL USB 3.0 TYPE C/AF	
SIZE A	FSCM NO. 43321	DWG. NO. CAU31CAF	REV. D	
SCALE: NONE		CAD FILE: CAU31CAF.SLDDRW		SHEET 1 OF 1

Mouser Electronics

Authorized Distributor

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[CAU31CAF-3F](#) [CAU31CAF-05M](#) [CAU31CAF-1M](#) [CAU31CAF-2M](#)