

6

5

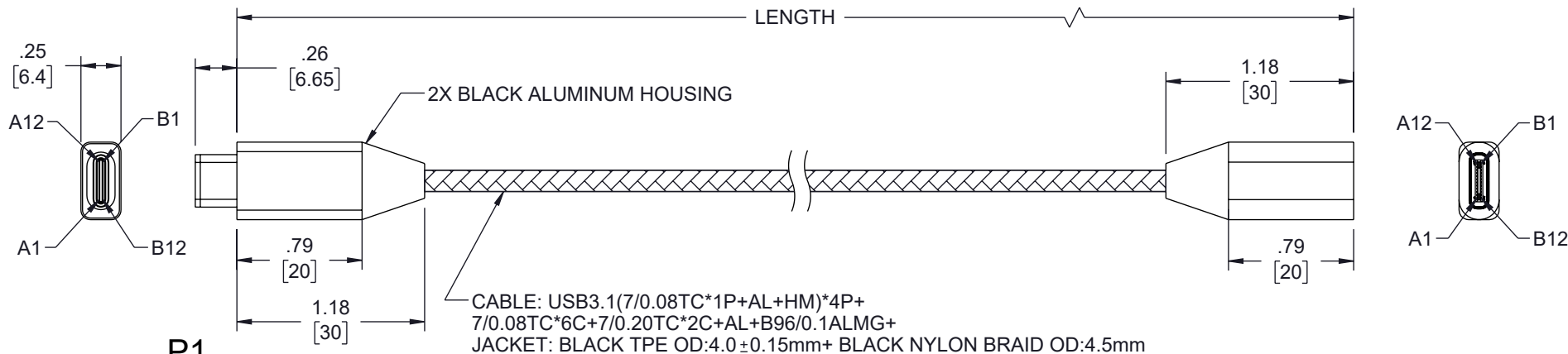
4

3

2

1

REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	UPDATED PER ECO-14449	04/01/2025	HBAKKE	DGUST



**P1**  
USB 3.1 TYPE C MALE  
CONNECTOR  
W/ NICKEL PLATED CONTACTS

**P2**  
USB 3.1 TYPE C FEMALE  
CONNECTOR  
W/ NICKEL PLATED CONTACTS

#### PIN ASSIGNMENT

A1,B1,A12,B12	GND	A1,B1,A12,B12	GND
A4,B4,A9,B9	VBUS	A4,B4,A9,B9	VBUS
A5	CC	A5	CC
B5		B5	
A6	Dp1	A6	Dp1
A7	Dn1	A7	Dn1
A2	SSTXp1	A2	SSTXp1
A3	SSTXn1	A3	SSTXn1
B11	SSRXp1	B11	SSRXp1
B10	SSRXn1	B10	SSRXn1
B2	SSTXp2	B2	SSTXp2
B3	SSTXn2	B3	SSTXn2
A11	SSRXp2	A11	SSRXp2
A10	SSRXn2	A10	SSRXn2
A8	SBU1	A8	SBU1
B8	SBU2	B8	SBU2
SHELL		SHELL	

PART NUMBER	LENGTH	
	FEET	METERS
LUSBC31-MF-100W1M	3.28	1.0±.03
LUSBC31-MF-100W2M	6.56	2.0±.03

#### NOTES:

- CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

#### REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:	
X = ±.2 [5]	FRACTIONS ± 1/32
.XX = ±.02 [0.5]	ANGLES ± 1°
.XXX = ±.005 [0.13]	

CABLE LENGTH TOLERANCES:	
≤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 DIMENSIONS ARE FOR REFERENCE ONLY  
AND SUBJECT TO CHANGE WITHOUT NOTICE.  
UN-DIMENSIONED/NON-CRITICAL FEATURES  
MAY VARY IN SIZE AND LOCATION  
COLORS MAY VARY

**L-com**  
an INFINIT@ brand

Website: [www.L-com.com](http://www.L-com.com)  
Phone: 1.800.341.5266 | 1.978.682.6936



INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION  
USB 3.1 TYPE C CABLE ASSEMBLY, MALE-TO-FEMALE, 10Gbps,  
100W, 5A, 20V, THUNDERBOLT 3 COMPATIBLE, BLACK, NYLON  
BRAID

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DMAY	LUSBC31-MF-100W	B

6

5

4

3

2

1