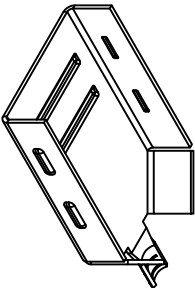
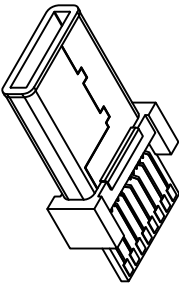
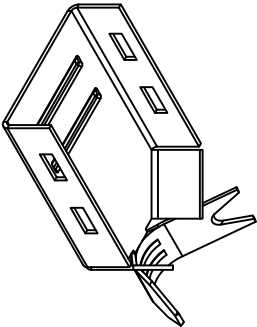
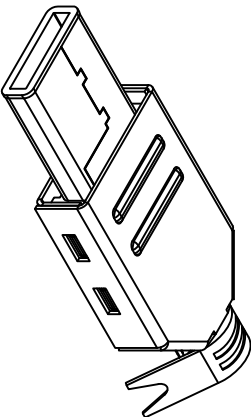
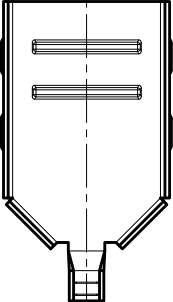
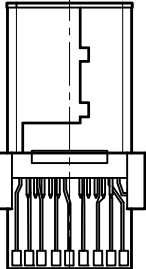
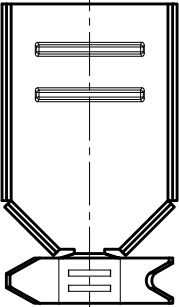
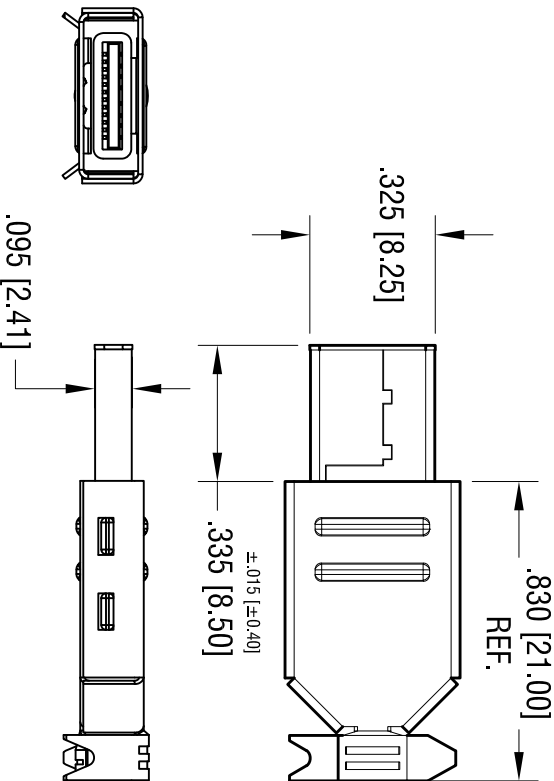
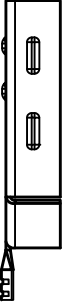
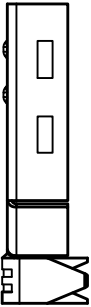
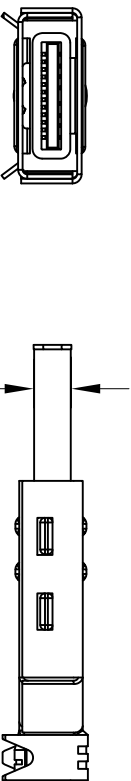


DATE		DESCRIPTION		REV.
4.27.17		CHANGE AS PER ECN 17-040		A
12.19.17		CHANGE AS PER ECN 17-078 ADD C9 GROUND SOLDER PAD SEE PAGE 2		B

<u>FRONT SHELL</u>		<u>INSERTED BODY</u>	<u>REAR SHELL</u>	<u>ASSEMBLED PLUG</u>
				
				
				

NOTE:

1. SHELL: STAINLESS STEEL, NICKEL PLATED

2. CONTACT: MAT'L PHOSPHOR BRONZE, GOLD PLATE

3. INSULATOR: LCP, UL 94V-0

4. TEMPERATURE RANGE: -20° [-30°C] TO 175° [80°C]

5. CONTACT RESISTANCE:
30mOHMS FOR ALL CONTACT MAX.

6. CURRENT RATING 0.5 AMP - SIGNAL
3.0 AMP - V BUS

7. LIFE: 10,000 CYCLES MIN.

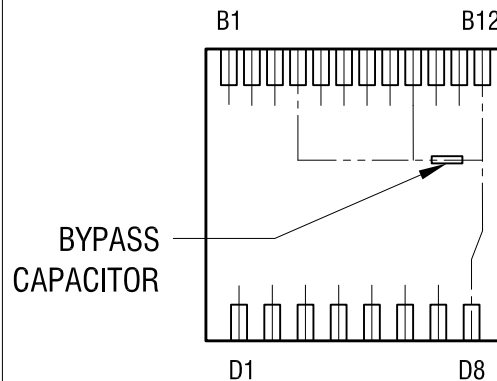
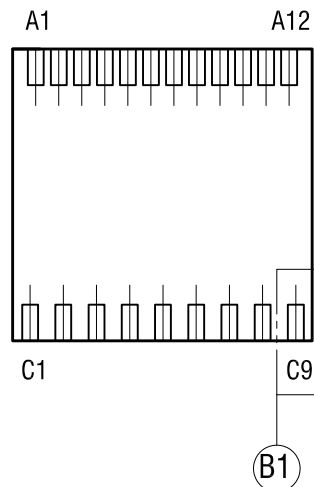
KEYSTONE ELECTRONICS CORP.			
www.keyelco.com • NEW HYDE PARK, NY 11040 • Tel (516) 328-7500			
PART NAME			
USB 3.1 TYPE C PLUG			
MATERIAL			
AS NOTED			
FINISH		DRN BY	DATE
AS NOTED		NT	4.14.15
TOLERANCES		APPD	SCALE
INCH [MM]		LN	3X
DECIMAL ±.010 [±0.25]			
ANGULAR ± 1°			
UNLESS OTHERWISE SPECIFIED			
CODE		DWG NO.	
C		954	

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A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND	RX2+	RX2-	V BUS	SBU1	D-	D+	CC	V BUS	TX1-	TX1+	GND
GND	TX2+	TX2-	V BUS	V CONN			SBU2	V BUS	RX1-	RX1+	GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12

A1 ⇔ C9, D8
 A2 ⇔ C1
 A3 ⇔ C2
 A4 ⇔ D5, A9, B4, B9
 A5 ⇔ C3
 A6 ⇔ C4
 A7 ⇔ C5
 A8 ⇔ C6
 A9 ⇔ D5, A4, B4, B9
 A10 ⇔ C7
 A11 ⇔ C8
 A12 ⇔ C9, D8



B1 ⇔ C9, D8
 B2 ⇔ D1
 B3 ⇔ D2
 B4 ⇔ D5, A9, B4, B9
 B5 ⇔ D3
 B6 ⇔ NULL
 B7 ⇔ NULL
 B8 ⇔ D4
 B9 ⇔ D5, A4, B4, B9
 B10 ⇔ D6
 B11 ⇔ D7
 B12 ⇔ C9, D8

NOTE:

1. 10 η F BYPASS CAPACITOR
IN BETWEEN V BUS (A4, A9, C4, C9)
AND GROUND (D8)

12.19.17	ADD C9 GROUND SOLDER PAD NEW CONTACT ARRANGEMENT CHANGE AS PER ECN 17-078	B
4.27.17	CHANGE AS PER ECN 17-040	A
DATE	DESCRIPTION	REV.

KEYSTONE ELECTRONICS CORP.			
www.keyelco.com • NEWTON PARK, NJ 07860 • Tel (516) 328-7500			
PART NAME			
USB TYPE-C FUNCTIONAL PIN-OUT			
MATERIAL			
N/A			
FINISH		DRN BY	DATE
N/A		NT	3.10.17
		APP'D	SCALE
		LN	N/A
TOLERANCES	INCH [MM]	CODE	
DECIMAL	$\pm .005$ [± 0.13]	C	
ANGULAR	$\pm 1^\circ$	DWG NO.	
UNLESS OTHERWISE SPECIFIED		954	