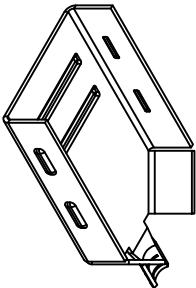
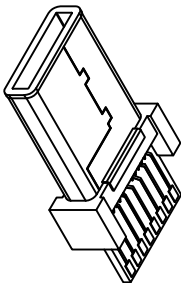


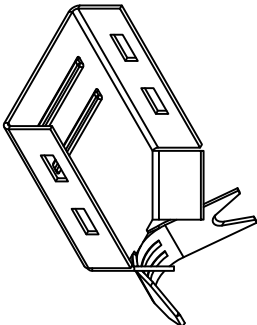
FRONT SHELL



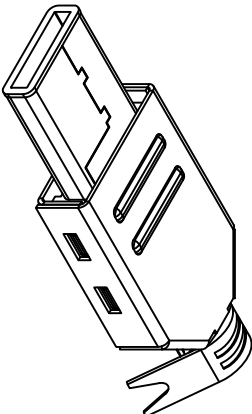
INSERTED BODY



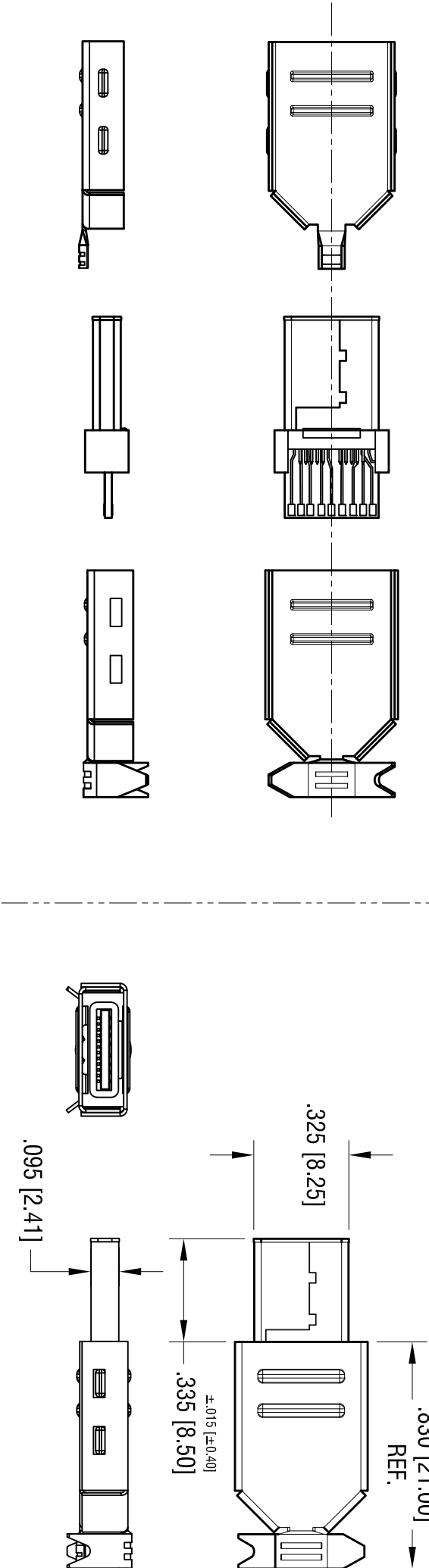
REAR SHELL



ASSEMBLED PLUG



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



NOTE:

- 1.SHELL: STAINLESS STEEL, NICKEL PLATED
2. CONTACT: MAT'L PHOSPHOR BRONZE, GOLD PLATE
3. INSULATOR: LCP, UL 94V-0
DIELECTRIC WITHSTANDING VOLTAGE:
1000 VAC FOR 1 MIN.
4. TEMPERATURE RANGE: -20° [-30°C] TO 175° [80°C]

- 5.CONTACT RESISTANCE:..
30mOHMS FOR ALL CONTACT MAX.
INSULATION RESISTANCE- 100 Mega OHMS MIN.
6. CURRENT RATING 0.5 AMP - SIGNAL
3.0 AMP - V BUS
7. LIFE: 10,000 CYCLES MIN.

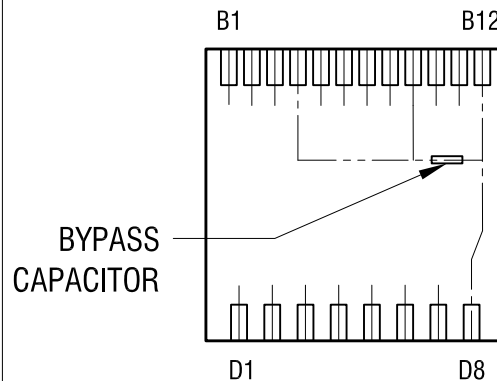
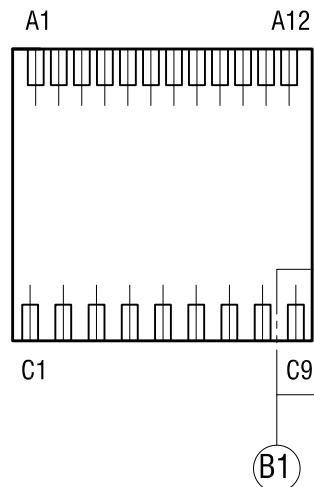
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KEYSTONE ELECTRONICS CORP.				
www.keyelco.com • NEW HYDE PARK, NY 11040 • Tel (516) 328-7500				
PART NAME		USB 3.1 TYPE C PLUG		
MATERIAL		AS NOTED		
FINISH		AS NOTED		
TOLERANCES		INCH	[MM]	CODE
DECIMAL		± .010	[± 0.25]	C
ANGULAR		± 1°		
UNLESS OTHERWISE SPECIFIED				
DRN BY		NT	DATE	
App'd		LN	SCALE	
			3X	
				954



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, A4, 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 ARRAIGNMENT 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	DWG NO.
DECIMAL	$\pm .005$ [± 0.13]	C	
ANGULAR	$\pm 1^\circ$		
UNLESS OTHERWISE SPECIFIED			
954			