

REV.	DESCRIPTION	ECN NO.	DATE	DRAWER
A	New Released		05/17/2017	Winnie
B	Added Plating Option \triangle x 2	EC1706016	06/26/2017	Winnie

Notes:

- Material:
Housing: Thermoplastic UL 94V-0, Black
Piston: Copper Alloy
Barrel: Copper Alloy
Spring: Stainless Steel
Cap: Thermoplastic, Black
- Finish:
Terminal: Selected Gold on Contact Area, 5u" Gold on Solder Tails, Both over 50u" Min. Nickel Under-plated Overall
- Mechanical Characteristics:
Spring Force: Signal Pin: 60g \pm 20g at Working Height
Ground Pin: 40g \pm 20g at Working Height
Other Pin: 30g \pm 15g at Working Height
Life Cycle: 10000 Cycle
- Electrical Characteristics:
Current Rating: 2A
Voltage Rating: 30V
Contact Resistance: 50m ohm Max. at Working Height(Static State)
- To avoid arcing issue, The adaptor start to power supply after connector mated fully
- To ensure the best usage, please operate it based on the working height
- Based on the Engineering Drawing, shall not exceed the maximum allowed compress
- Order Information:

PN1-01E03- 14 X X A
 T: RoHS(for High Temperature) Halogen Free

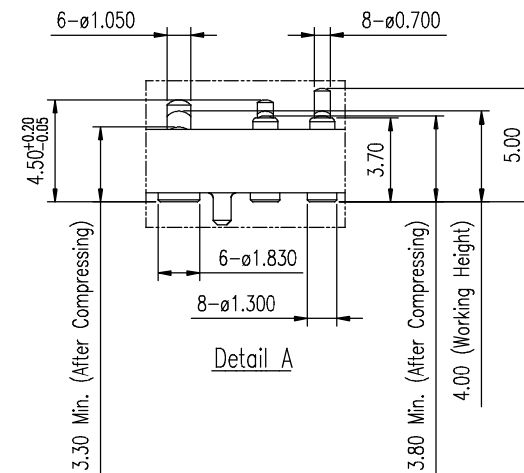
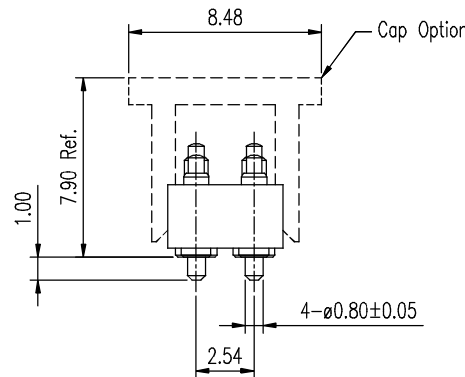
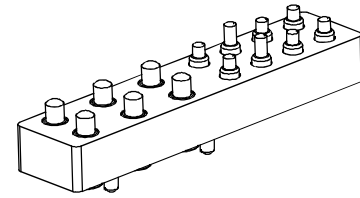
Amount of Pins
 14: 14 Pins

Packing Option
 T: Tube
 1: Tube + Cap
 2: Reel + Cap

Plating Option
 4: 10u" Min. Gold on Contact Area
 \triangle 6: 20u" Min. Gold on Contact Area

Pin Assignment

Pin No.	Pin 7	Pin 8	Pin 9	Pin 10	Pin 11	Pin 12	Pin 13	Pin 14
SIGNAL	TX+	TX-	GND	D+	D-	RX+	RX-	



DIMENSION IN mm [inch]	
Tolerance unless otherwise specified	
X.	X.* \pm 10"
X.X \pm 0.38	X.X* \pm 5"
X.XX \pm 0.20	X.XX* \pm 2"
X.XXX \pm 0.10	X.XXX* \pm



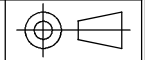
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 CEN LINK CO., LTD.

CUSTOMER DRAWING

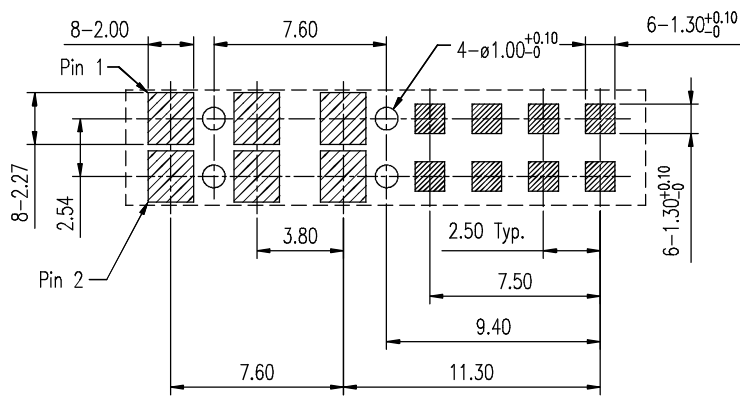
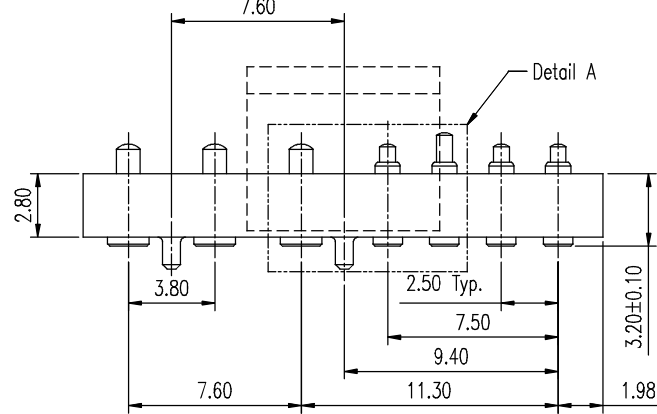
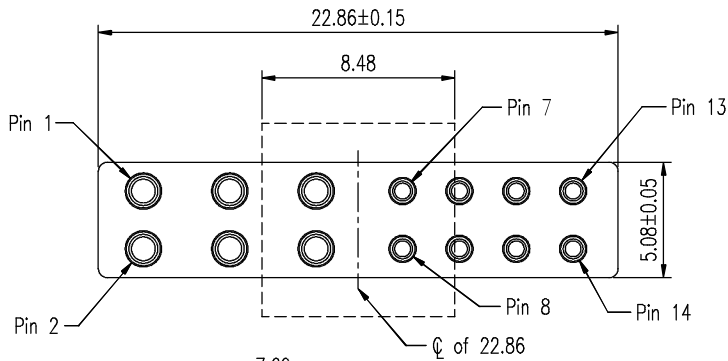
Approver: Aaron
 06/26/2017

Checker: Aaron
 06/26/2017

Drawer: Winnie
 06/26/2017



Title: 2.5mm Pitch Pogo Pin Conn.
 Dwg No. TPN1-01E03-14XXA \triangle
 File No. P15062
 Scale: 3 : 1
 Size: A 4
 Rev : B
 Sheet: 1 / 1



Recommended P.C.B. Layout
 Layout Tolerance = \pm 0.05mm