



161 Alden Road, Units 7 & 8, Markham, Ontario Canada L3R 3W7
 Tel: +1 416 754-3322 Fax: +1 416-754-3299
 Email: info@edac.net http://www.edac.net

ENGINEERING CHANGE NOTICE

Originator:	Bo Byoung Jeon	Date:	Document Number
Phone No.	(416) 754-3322	July 13, 2023	ECN20230713-00
Email Address:	bbjeon@edac.net	Part Number	Drawing Revision
Department	ENGINEERING	690-009-236C900, 690-009-636C900	Rev.6

CHANGE TYPE

- CLASS I Customer notification and approval required prior to implementation
- CLASS II Customer notification only, no approval required
- CLASS III No customer notification required

REASON OF CHANGE

Adding Part Number 690-009-236C900 which has Gold-Flash Plating

DESCRIPTION OF CHANGE:

The following table has been added in the drawing

690-009-636C900
 └───┬───
 PLATING

PART NUMBER	PLATING
690-009-236C900	GOLD-FLASH PLATING
690-009-636C900	30u" GOLD PLATING

2. Effective implementation to distribution is on July 13, 2023

Note: N/A

PARTIES AFFECTED

- Customer
- Distributors
- Suppliers
- NORCOMP
- MH
- ETW
- ECA
- EDG
- EDAC UK

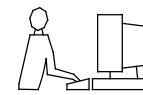
KEY TARGET DUE DATES IF CHANGE IS APPROVED TO PROCEED (check if applicable and show target dates as known)

- Submit Quote
- Prod. Trial Run
- Run at Rate
- PPAP from Supplier
- MRD of Production Parts

ACKNOWLEDGEMENT FOR ECN INITIATION: (OPTIONALS)	STATUS																				
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; border-bottom: 1px solid black;">Tooling Rep</td> <td style="width: 30%; border-bottom: 1px solid black;"></td> <td style="width: 30%; border-bottom: 1px solid black;">Process Eng Rep</td> <td style="width: 30%; border-bottom: 1px solid black;"></td> </tr> <tr> <td style="border-bottom: 1px solid black;">Mfg Eng Rep</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">Facilities Rep</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td style="border-bottom: 1px solid black;">Production Rep</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">Sales Rep.</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td style="border-bottom: 1px solid black;">Materials Rep</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">Product Eng. Rep.</td> <td style="border-bottom: 1px solid black;">Patrick Martel</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Quality Rep</td> <td style="border-bottom: 1px solid black;">Bo Byoung Jeon</td> <td style="border-bottom: 1px solid black;">Purchasing Rep</td> <td style="border-bottom: 1px solid black;"></td> </tr> </table>	Tooling Rep		Process Eng Rep		Mfg Eng Rep		Facilities Rep		Production Rep		Sales Rep.		Materials Rep		Product Eng. Rep.	Patrick Martel	Quality Rep	Bo Byoung Jeon	Purchasing Rep		<div style="background-color: #e0ffe0; padding: 5px; border: 1px solid black;"> <p>APPROVED <input checked="" type="checkbox"/></p> <p>CCS CHANGE REQUEST #</p> </div> <div style="background-color: #ffe0e0; padding: 5px; border: 1px solid black; margin-top: 10px;"> <p>REJECTED <input type="checkbox"/></p> <p>Change REJECTED by:</p> <p>Rejected Date:</p> </div>
Tooling Rep		Process Eng Rep																			
Mfg Eng Rep		Facilities Rep																			
Production Rep		Sales Rep.																			
Materials Rep		Product Eng. Rep.	Patrick Martel																		
Quality Rep	Bo Byoung Jeon	Purchasing Rep																			
<p style="text-align: center;">APPROVALS FOR ECN INITIATION (REQUIRED)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"><input checked="" type="checkbox"/> Vice President</td> <td style="width: 25%;">Bob Sakitkovski</td> <td style="width: 25%;"><input checked="" type="checkbox"/> Quality Engineer</td> <td style="width: 25%;">Bo Byoung Jeon</td> </tr> <tr> <td><input checked="" type="checkbox"/> Engineering Manager</td> <td>Ronnie Sta. Ronnie Sta. Monica Monica</td> <td><input checked="" type="checkbox"/> Mechanical Engineer</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> Business Development Manager</td> <td>Kobie Samuels</td> <td></td> <td></td> </tr> </table> <p style="text-align: center; color: red; font-weight: bold;">MINIMUM OF TWO SIGNATURES REQUIRED</p>	<input checked="" type="checkbox"/> Vice President	Bob Sakitkovski	<input checked="" type="checkbox"/> Quality Engineer	Bo Byoung Jeon	<input checked="" type="checkbox"/> Engineering Manager	Ronnie Sta. Ronnie Sta. Monica Monica	<input checked="" type="checkbox"/> Mechanical Engineer		<input checked="" type="checkbox"/> Business Development Manager	Kobie Samuels											
<input checked="" type="checkbox"/> Vice President	Bob Sakitkovski	<input checked="" type="checkbox"/> Quality Engineer	Bo Byoung Jeon																		
<input checked="" type="checkbox"/> Engineering Manager	Ronnie Sta. Ronnie Sta. Monica Monica	<input checked="" type="checkbox"/> Mechanical Engineer																			
<input checked="" type="checkbox"/> Business Development Manager	Kobie Samuels																				

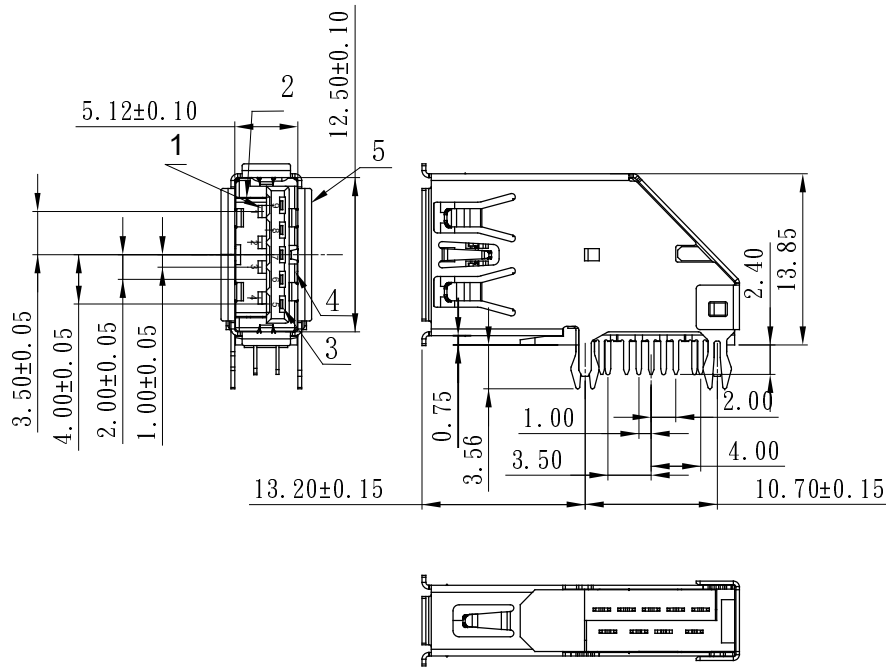
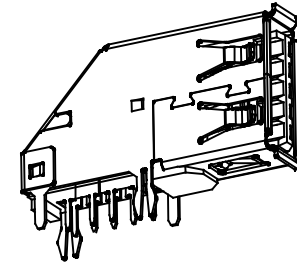
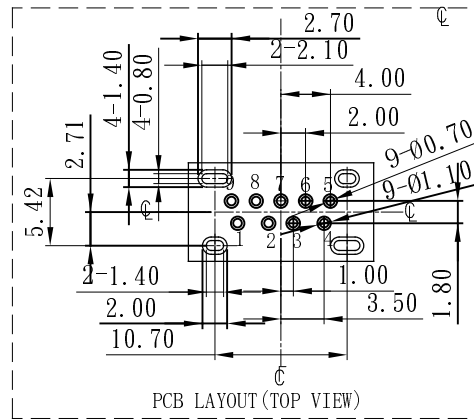
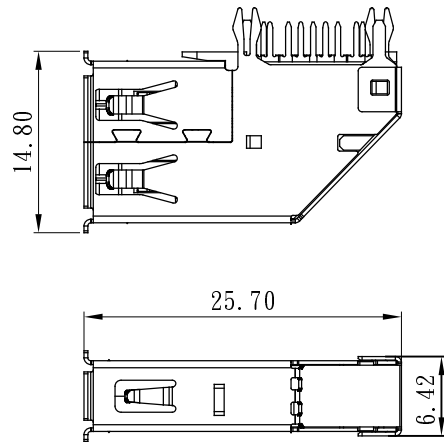
TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.30
.XX	±0.20
.XXX	±0.10
0°	±2°

THIS IS A C.A.D. GENERATED DRAWING
DO NOT MAKE MANUAL REVISIONS TO MASTER.



ISSUE NUMBER	
ORIGINAL	①
UPDATE DRAWING Y.ZHANG MAY.09/2018	②
UPDATE NOTE H.D MAY.29/2019	③
14.80 WAS 14.70 7.45±0.15 WAS 7.32 H.D JUL.12/2019	④
UPDATE MATERIAL NOTE K.L MAR.16/2020	⑤
ADD TABLE P.M JUL.13/2023	⑥

Pin Number	Signal Name	Pin Number	Signal Name
1	VBUS	5	SSRX-
2	D-	6	SSRX+
3	D+	7	GND
4	GND	8	SSTX-
Shell	Shield	9	SSTX+



SPECIFICATIONS:

CONTACT CURRENT RATING:

1.8 AMPERES FOR PIN1&PIN4.

0.25 AMPERES OTHER CONTACTS

DIELECTRIC WITHSTANDING VOLTAGE:AC 100V(RMS)

INSULATION RESISTANCE:100MEGOHMS MINIMUM.

CONTACT RESISTANCE:

30MΩ MAX FOR PIN1&PIN4

50MΩMAX FOR OTHER CONTACTS

MECHANICAL CHARACTERISTICS:

MATING FORCE:35 NEWTOMS.MAXIMUM

UNMATING FORCE:15 NEWTOMS.MLNUMUM.

8N MIN AFTER DURABILITY

MATERIAL:

HOUSING: LCP+30%GF 94V-0 COLOR:BLUE

CONTACT: COPPER ALLOY(T=0.25MM)

SHELL: SUS

PLATING:

CONTACT: SELECTIVE GOLD PLATING ON CONTACT AREA (SEE TABLE)

TIN PLATED ON SOLDER AREA

NICKEL UNDERPLATING OVER ALL

SHELL: NICKEL PLATED

OPERATING TEMPERATURE:-55°TO+85°

690-009-636C900

PLATING

PART NUMBER	PLATING
690-009-236C900	GOLD-FLASH PLATING
690-009-636C900	30u" GOLD PLATING

**USB 3.0 TYPE A FEMALE, SIDE, RIGHT
ANGLE, THROUGH HOLE**



EDAC INC
TORONTO, ONTARIO
CANADA
YOUR CONNECTION TO QUALITY & SERVICE

THESE DRAWINGS AND SPECIFICATIONS
ARE THE PROPERTY OF EDAC INC.,AND
SHALL NOT BE REPRODUCED,OR COPIED
OR USED AS THE BASIS FOR THE
MANUFACTURE OR SALE OF APPARATUS
WITHOUT WRITTEN PERMISSION.

ACAD REFERENCE NO.: 690-009-636C900	
DRAWN: K.L.	DATE: MAR. 16/2020
CHECKED:	DATE:
SCALE: (IN C.A.D. 1:1)	SHEET 1 OF 1
DRAWING NUMBER: 690-009-636C900	ISSUE 6
PART NUMBER: SEE TABLE	



THIS SERIES FULLY CONFORMS TO
THE EUROPEAN UNION DIRECTIVES
2011/65/EU FOR RoHS COMPLIANCY.