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ENGINEERING CHANGE NOTICE

Originator:	Bo Byoung Jeon	Date:	April 17, 2023	Document Number:	ECN20230417-00
Phone No.:	(416) 754-3322	Part Number:	690J104-267-211	Drawing Revision:	1
Email Address:	bbjeon@edac.net				
Department:	ENGINEERING				

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

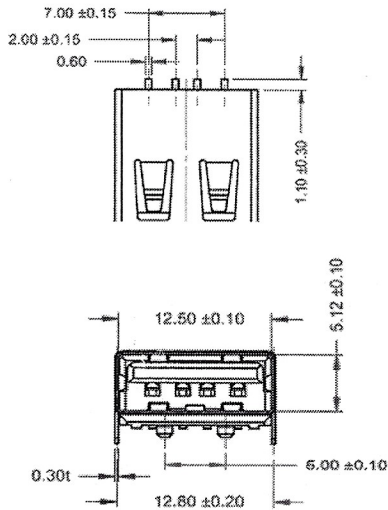
REASON OF CHANGE

Discontinuance / End of Life of Part# 690J104-267-211 (690 Series Receptacles USB 2.0 Type-A Right Angle SMT)

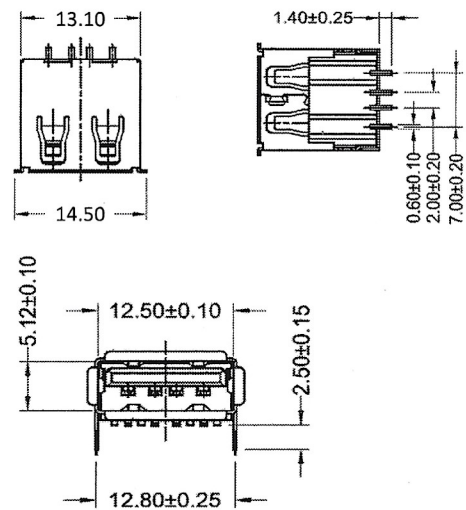
DESCRIPTION OF CHANGE:

- 1. The tooling of 690J104-267-211 has been worn out.
- 2. Part Number 690J104-265-041 is equivalent part, so replaces 690J104-267-211.

Part number: 690J104-267-211

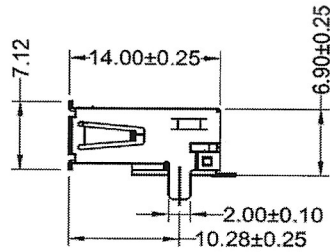
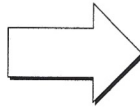
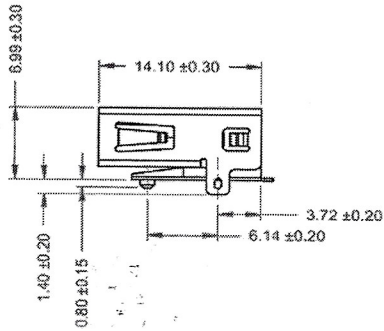


Part number: 690J104-265-041



Part number: 690J104-267-211

Part number: 690J104-265-041



Effective implementation to distribution is on April 17, 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)**

<input type="checkbox"/>	Tooling Rep	_____	<input type="checkbox"/>	Process Eng Rep	_____
<input type="checkbox"/>	Mfg Eng Rep	_____	<input type="checkbox"/>	Facilities Rep	_____
<input type="checkbox"/>	Production Rep	_____	<input type="checkbox"/>	Sales Rep	_____
<input type="checkbox"/>	Materials Rep	_____	<input checked="" type="checkbox"/>	Product Eng. Rep.	Ronnie Sta Monica
<input checked="" type="checkbox"/>	Quality Rep	Bo Byoung Jeon	<input type="checkbox"/>	Purchasing Rep	_____

**STATUS**

APPROVED   
CCS CHANGE REQUEST #

REJECTED   
Change REJECTED by:  
Rejected Date:

**APPROVALS FOR ECN INITIATION (REQUIRED)**

<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. Monica	<input checked="" type="checkbox"/>	Mechanical Engineer	Bo Byoung Jeon
<input checked="" type="checkbox"/>	Business Development Manager	K. Samuels			

MINIMUM OF TWO SIGNATURES REQUIRED

TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.25
.XX	±0.13
.XXX	±0.05

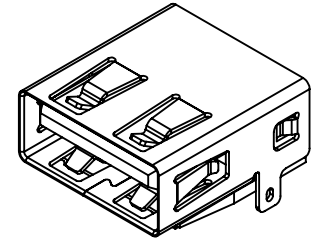
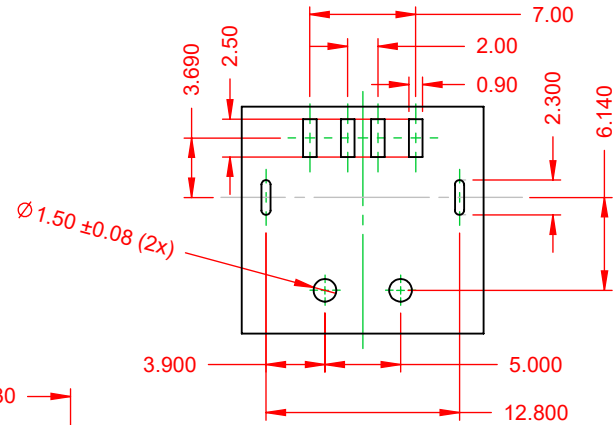
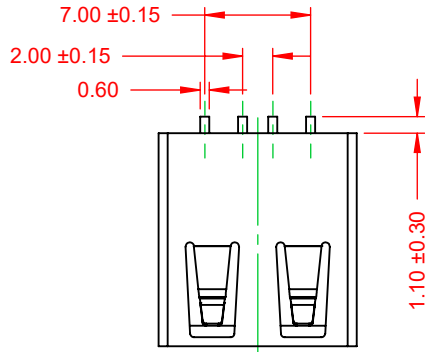
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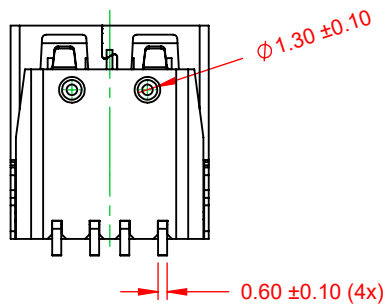
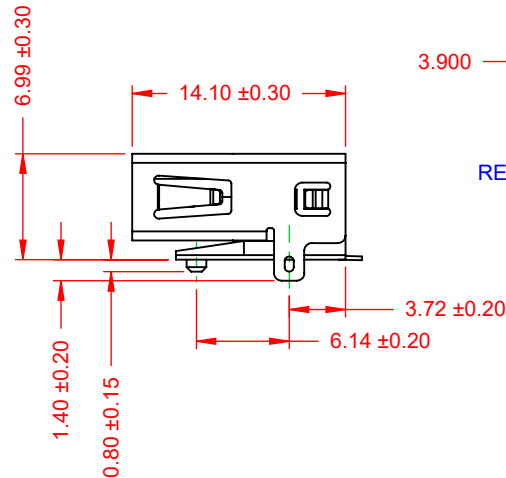
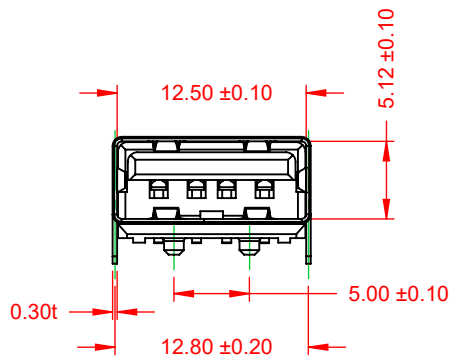
ISSUE NUMBER

ORIGINAL

1



RECOMMENDED P.C.B LAYOUT  
TOP VIEW



NOTE:

ELECTRICAL SPECIFICATIONS:

VOLTAGE RATING:	30V
CURRENT RATING:	1.5A @ 250V AC
CONTACT RESISTANCE:	30mΩ MAX.
INSULATOR RESISTANCE:	1000MΩ min.
DIELECTRIC WITHSTANDING VOLTAGE:	500V AC
OPERATING TEMPERATURE:	-20°C ~ 85°C
CONTACT RETENTION IN HOUSING:	0.8kgf min.

MATERIAL & FINISH:

SHELL:	T=0.30, NICKEL/TIN PLATED COPPER ALLOY
HOUSING:	LCP. BLACK IN COLOUR, UL94V-0
CONTACTS:	GOLD FLASH PLATED COPPER ALLOY

690 SERIES RECEPTACLES USB 2.0  
TYPE-A RIGHT ANGLE SMT

ACAD REFERENCE NO.: 690J104-X67-21X	
DRAWN: C.B	DATE: December 16, 2020
CHECKED:	DATE:
SCALE: 2:1	SHEET 1 OF 1
DRAWING NUMBER: 690J104-X67-21X	ISSUE
PART NUMBER: 690J104-267-211	1



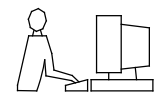
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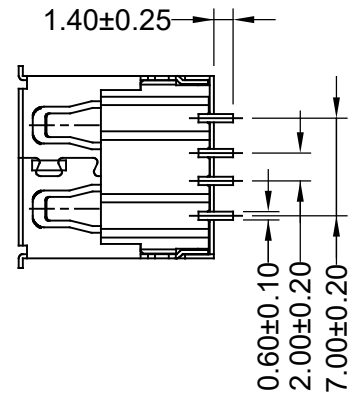
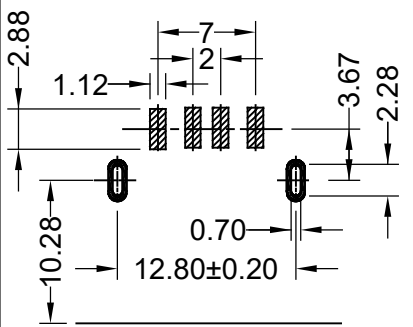
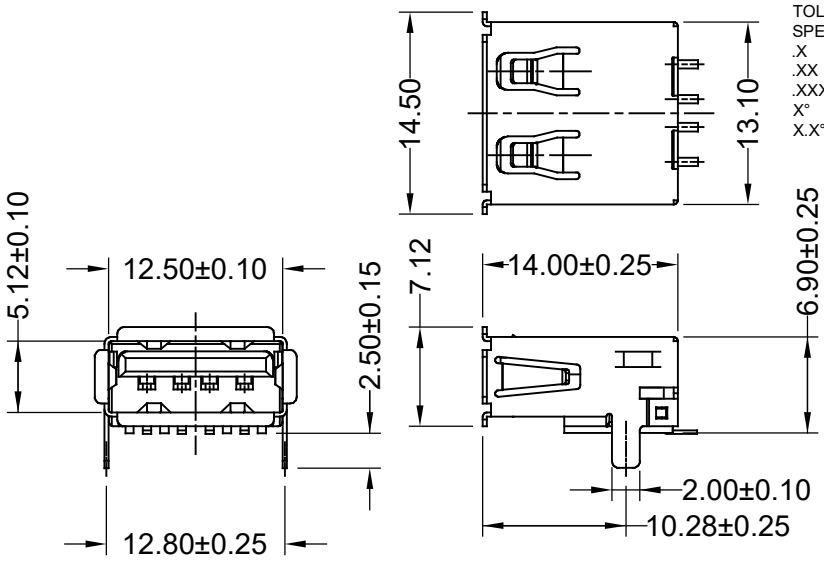
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TOLERANCE UNLESS OTHERWISE  
SPECIFIED IN MM:  
.X ±0.25  
.XX ±0.20  
.XXX ±0.10  
X° ±4°  
X.X° ±2°



SPECIFICATIONS:

CONTACT: COPPER ALLOY  
PLATING: GOLD PLATED ON CONTACT AREA  
TIN ON SOLDER AREA ALL OVER NICKEL UNDERPLATING  
SHELL: COPPER ALLOY  
PLATING: NICKEL PLATED  
HOUSING: PA6T, UL94V-0, BLACK

VOLTAGE RATING: 30V R.M.S. MAX.  
CURRENT RATING: 1.5A FOR VBUS AND GND AT 250V AC MIN.  
DIELECTRIC WITHSTANDING VOLTAGE: 500V AC R.M.S.  
TEMPERATURE RANGE: -25°C~+85°C  
INSULATION RESISTANCE: 1000 MEGA OHMS MIN.  
CONTACT RESISTANCE: 30mOHMS MAX. FOR INITIAL.  
10mOHMS CHANGE AFTER DURABILITY TEST

MATING FORCE: 35N MAX  
UNMATING FORCE: 10N MIN IN INITIAL  
8N AFTER DURABILITY TEST  
DURABILITY: 1500 CYCLES

PART NUMBER	CONTACT PLATING
690J104-265-041	GOLD-FLASH
690J104-665-041	30u" GOLD PLATED

USB, 2.0mm PITCH, TYPE A, FEMALE, R/A, SMT

ACAD REFERENCE NO.: 690J104-265-041	
DRAWN: P.M.	DATE: APR.06/2023
CHECKED: R.S.M.	DATE: APR.06/2023
SCALE: (IN C.A.D. 1:1)	SHEET 1 OF 1
DRAWING NUMBER: 690J104-265-041	ISSUE 1
PART NUMBER: SEE TABLE	



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