



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

Date:

Document Number

July 30, 2021

ECN20210729-00

Revision Number

SHEET

1

1 of 3

Originator: Harsh Patel

Phone No. (416) 754-3322

Email Address: Hpatel@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

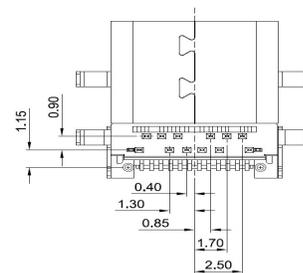
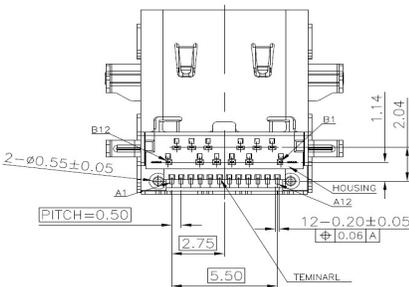
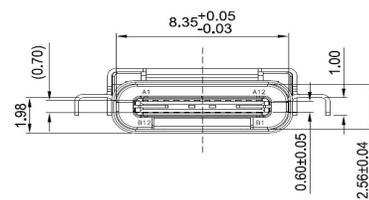
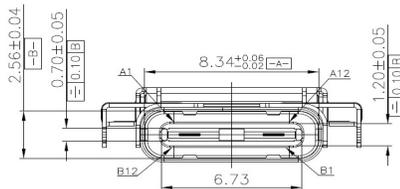
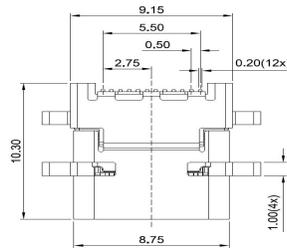
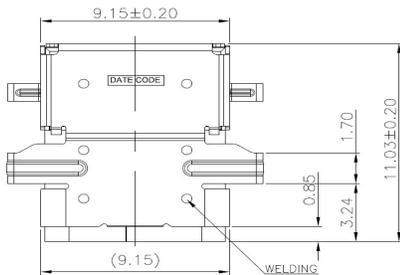
REASON OF CHANGE

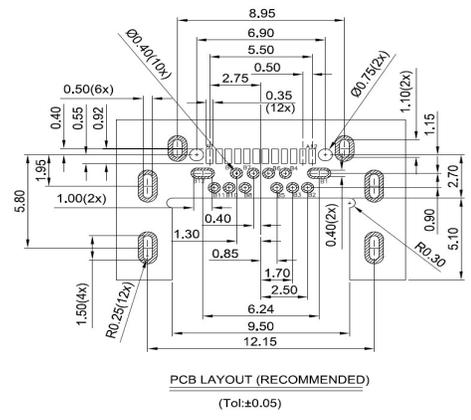
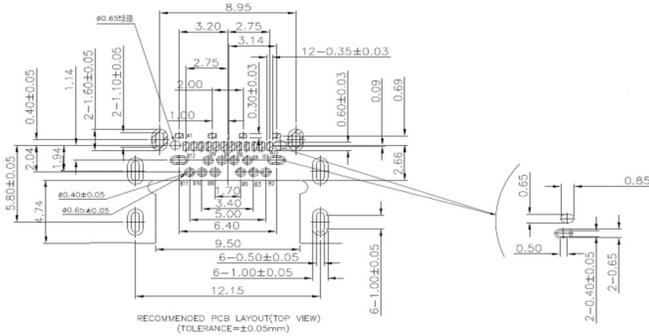
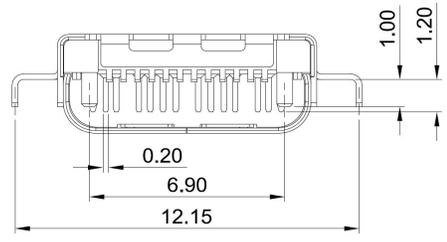
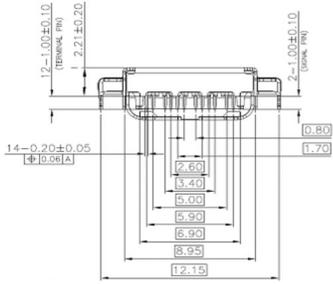
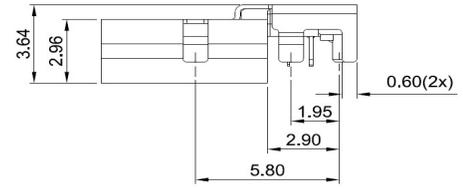
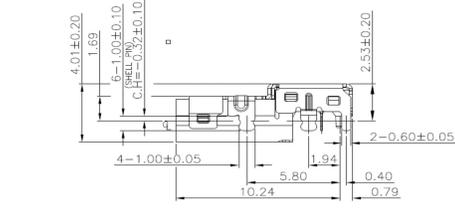
Discontinuance / End of Life of Part No- 690-024-232-031 (USB 3.1 TYPE C FEMALE)

DESCRIPTION OF CHANGE:

- Tooling of Part No- 690-024-232-031 has worn out.
- Part No- 690-024-232-031 is Obsolete. Equivalent part number is 698C124-205-211
Old Drawing No
690-024-232-031, Rev-01

Equivalent Part Drawing No
698C124-205-211, Rev-01





4.ELECTRICAL PERFORMANCE
4-1.CURRENT RATING: 1A.

4.ELECTRICAL PERFORMANCE
4-1.CURRENT RATING: 5A ON VBUS/1.25A ON VCONN/0.25A ON OTHERS.

2. Effective implementation to distribution is on July 30, 2021

Note:- Part number 698C124-205-211 is not a direct replacement of part number 690-024-232-031.

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 type="checkbox"/> Product Eng. Rep. _____ |
| <input type="checkbox"/> Quality Rep _____ | <input type="checkbox"/> Purchasing Rep _____ |

APPROVALS FOR ECN INITIATION (REQUIRED)

- | | | | | |
|---|--|--|----------------------------------|---------------------------|
| <input type="checkbox"/> <input type="checkbox"/> | President _____ | <input type="checkbox"/> <input checked="" type="checkbox"/> | Engineering Manager _____ | Ronnie Sta. Monica |
| <input type="checkbox"/> <input type="checkbox"/> | Vice President Bob Sakitkovski | <input type="checkbox"/> <input checked="" type="checkbox"/> | Mechanical Engineer _____ | Harsh Patel |
- MINIMUM OF TWO SIGNATURES REQUIRED**

STATUS

APPROVED

CCS CHANGE REQUEST # _____

REJECTED

Change REJECTED by: _____

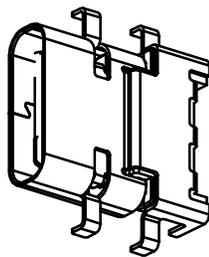
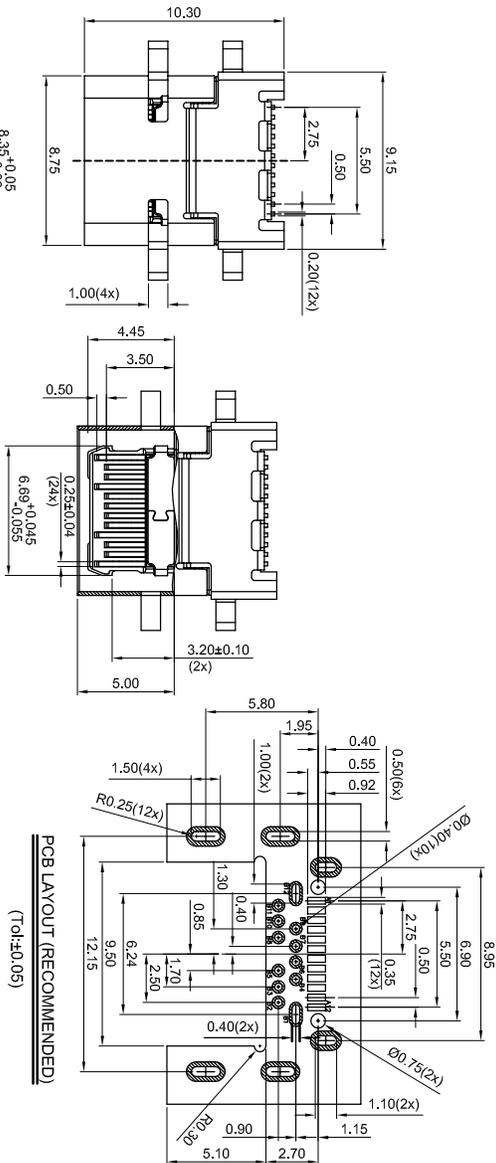
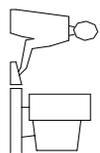
Rejected Date: _____

TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:

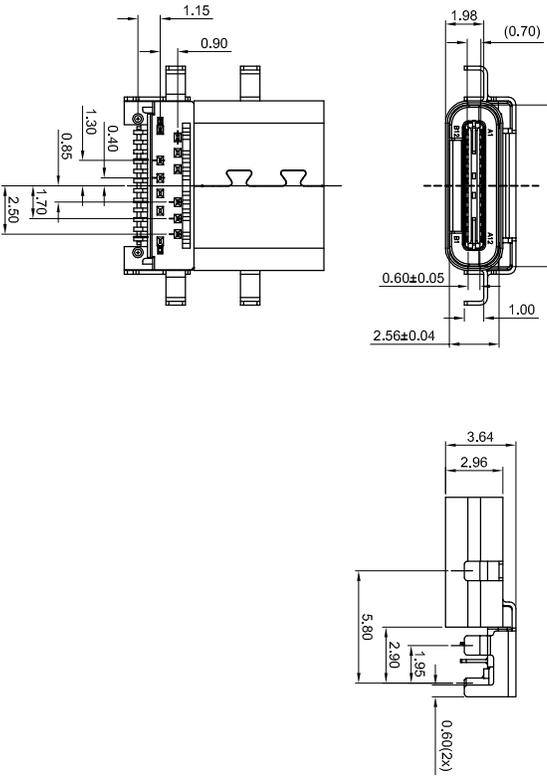
XX ±0.30
 X.XX ±0.25
 X.XXX ±0.10

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 DO NOT MAKE MANUAL REVISIONS TO MASTER.

ISSUE NUMBER
 ORIGINAL



- NOTES:
1. MATERIAL:
 - 1.1 SHELL: SUS, BLACK
 - 1.2 MOLDING: LCP, BLACK
 - 1.3 LATCH: SUS
 - 1.4 GROUND PLATE: SUS
 - 1.5 TERMINAL: COPPER ALLOY
2. PLATING SPECIFICATION
 - 2.1 TERMINAL: GOLD FLASH ON CONTACT AREA, Sn 100µ" ON SOLDER TAILS, 50µ" NICKEL BASE
 - 2.2 SHELL: NICKEL PLATED 50µ" MIN.
 - 2.3 LATCH: BASE NICKEL 50µ" MIN, TIN 80µ" OVERALL
 - 2.4 GROUND PLATE: NICKEL PLATED 50µ" MIN
3. MECHANICAL PERFORMANCE
 - 3.1 INSERTION FORCE: 5-20N.
 - 3.2 EXTRACTION FORCE: 8-20N.
 - 3.3 DURABILITY: 10000 CYCLES.
4. ELECTRICAL PERFORMANCE
 - 4.1 CURRENT RATING: 5A ON VBUS/1.25A ON VCONN/0.25A ON OTHERS.
 - 4.2 CONTACT RESISTANCE: 40 mΩ MAX(INITIAL).
 - 4.3 INSULATION RESISTANCE: 100 MΩ MIN.
 - 4.4 DIELECTRIC WITHSTAND VOLTAGE: 100 VAC/MINUTE.



PIN	Signal Name	PIN	Signal Name
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SRBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

USB 3.1 TYPE C FEMALE

ACAD REFERENCE NO.: 698C124-205-211

DRAWN: N.B. DATE: JUL 30/2021

CHECKED: S.M. DATE: JUL 30/2021

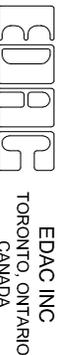
PART NUMBER 698C124-205-211 SHEET 1 OF 1

DRAWING NUMBER 698C124-205-211

ISSUE 1



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



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