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ENGINEERING CHANGE NOTICE

Originator: _____ Phone No. _____ Email Address: _____ Department _____	Harsh Patel	Date:	Document Number
	(416) 754-3322	January 29, 2021	ECN20210129-00
	Hpatel@edac.net	Revision Number	SHEET
	ENGINEERING	1	1 of 2

CHANGE TYPE

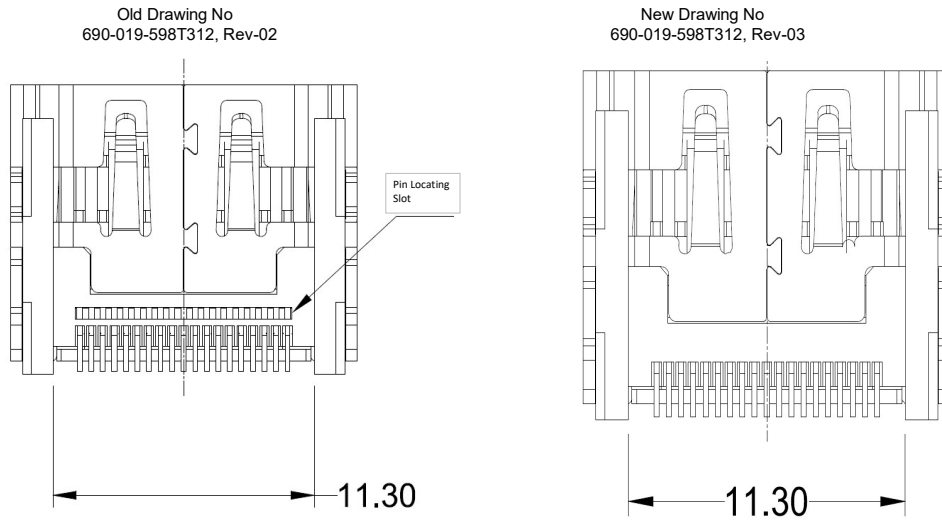
- CLASS I** Customer notification and approval required prior to implementation
- CLASS II** Customer notification only, no approval required
- CLASS III** No customer notification required

REASON OF CHANGE

Improvement done to prevent high voltage defect in HDMI A, 19 PIN, R/A, SOLDER MOUNT, P/N-690-019-598T312.

DESCRIPTION OF CHANGE:

- Pin locating slot removed to prevent high voltage defect in HDMI connector.



- Operating Temperature range changed from -10°C ~ 60°C to -40°C ~ 85°C
- TIN Plating on Solder area increased from 100µ" min to 100 ~ 120µ" min.
- Effective implementation to distribution is on January 29, 2021

Note:- It's a drop in replacement. There is no any change in dimension anywhere. There is no any change in form, fit and function.

PARTIES AFFECTED

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

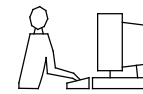
KEY TARGET DUE DATES IF CHANGE IS APPROVED TO PROCEED (check if applicable and show target dates as known)

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

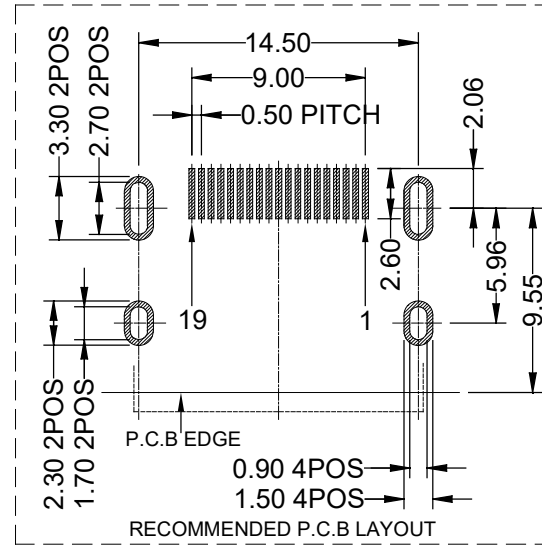
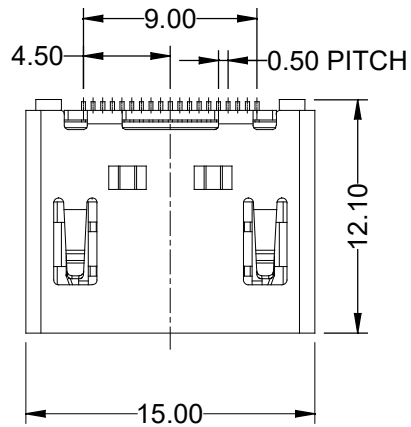
ACKNOWLEDGEMENT FOR ECN INITIATION: (OPTIONALS)		STATUS	
Tooling Rep _____ Mfg Eng Rep _____ Production Rep _____ Materials Rep _____ Quality Rep _____	Process Eng Rep _____ Facilities Rep _____ Sales Rep. _____ Product Eng. Rep. _____ Purchasing Rep _____	APPROVED <input type="checkbox"/>	CCS CHANGE REQUEST #
APPROVALS FOR ECN INITIATION (REQUIRED)		REJECTED <input type="checkbox"/>	Change REJECTED by: _____ Rejected Date: _____
<input type="checkbox"/> President _____ <input type="checkbox"/> Vice President Bob Sakitkovski	<input type="checkbox"/> Engineering Manager Ronnie Sta. Monica <input type="checkbox"/> Mechanical Engineer Harsh Patel	MINIMUM OF TWO SIGNATURES REQUIRED	

TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.30
.XX	±0.20
0.0°	±5°

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



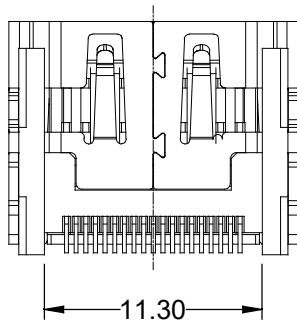
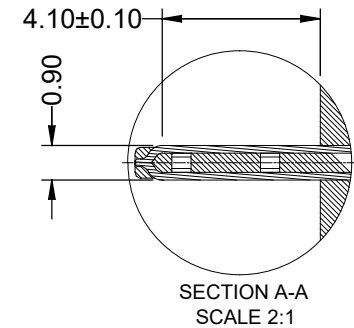
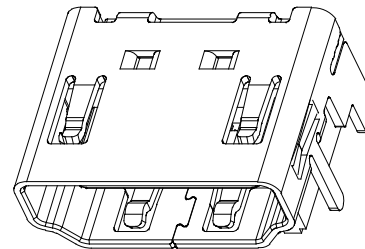
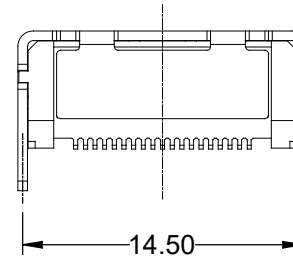
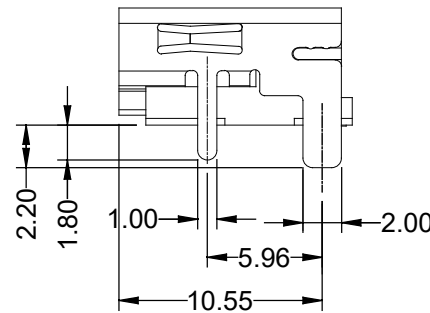
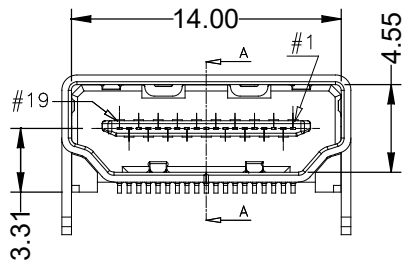
ISSUE NUMBER	
ORIGINAL	①
ADD PIN LOCATING SLOT	
Y.ZHANG	NOV.30/2018 ②
REMOVE LOCATING SLOT	
UPDATE OPERATING TEMP.	
UPDATE TIN PLATING THICK.	
P.M.	JAN. 29/2021 ③




NOTES:
ELECTRICAL:
 CURRENT RATING: 0.5A
 CONTACT RESISTANCE: 60mΩ MAX.
 WITHSTANDING VOLTAGE: 500V AC for 60s
 INSULATOR RESISTANCE: 100MΩ min.

ENVIRONMENTAL:
 OPERATING TEMPERATURE: -40°C ~ 85°C

MATERIALS:
 CONTACT: COPPER ALLOY, 15μ" SELECTIVE GOLD PLATING, 100 ~ 120μ" min. TIN PLATING ON SOLDER AREA, 50μ" NICKEL UNDER PLATING
 HOUSING: SYNTHETIC RESIN, BLACK COLOUR
 SHELL: COPPER ALLOY, 50μ" NICKEL PLATING



HDMI A, 19 PIN, R/A, SOLDER MOUNT		ACAD REFERENCE NO.: 690-019-598T312	
		DRAWN: C.B	DATE: JAN. 13/2017
 EDAC INC TORONTO, ONTARIO CANADA YOUR CONNECTION TO QUALITY & SERVICE		CHECKED:	
		DATE:	
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		DRAWING NUMBER: 690-019-598T312	ISSUE 3
		PART NUMBER: 690-019-598T312	



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