

		<b>161 Alden Road, Units 7 &amp; 8, Markham, Ontario Canada L3R 3W7</b> Tel: +1 416 754-3322      Fax: +1 416-754-3299 Email: support@edac.net      http://www.edac.net	
<b>ENGINEERING CHANGE NOTICE</b>			
Originator:	Mit Patel	Date:	Document Number
Phone No.	416-754-3322	May 28, 2025	20250528-00
Email Address:	<a href="mailto:mpatel@edac.net">mpatel@edac.net</a>		
Department	Quality	Revision Number	SHEET
		1	1 of 2

**CHANGE TYPE:**

<input type="checkbox"/> CLASS I	Customer notification and approval required prior to implementation
<input checked="" type="checkbox"/> CLASS II	Customer notification only, no approval required
<input type="checkbox"/> CLASS III	No customer notification required

**REASON OF CHANGE**

Tool worn out

**DESCRIPTION OF CHANGE:**

The tool worn out for the 627-M09-220-PN6 shell, and it has been replaced with the existing tool. There are a few differences in appearance and some dimensions. However, this change will not affect the form, fit, and function of the part. Please see the change below. This change will not affect on current open order as it will take place from September 2025.

**R1**

P.C.B. LAYOUT

**R2**

RECOMMENDED PCB LAYOUT  
PCB TOLERANCE ±0.05

**PARTIES AFFECTED**

<input checked="" type="checkbox"/> Customer <input checked="" type="checkbox"/> Distributors <input type="checkbox"/> Suppliers	<input type="checkbox"/> NORCOMP <input type="checkbox"/> MH <input checked="" type="checkbox"/> ETW	<input checked="" type="checkbox"/> ECA <input checked="" type="checkbox"/> EDG <input checked="" type="checkbox"/> EDAC UK
--	--	---

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

<input type="checkbox"/> Submit Quote <input type="checkbox"/> Prod. Trial Run <input type="checkbox"/> Run at Rate	<input type="checkbox"/> PPAP from Supplier <input type="checkbox"/> MRD of Production Parts <input type="checkbox"/> UL / CSA / RoHS / REACH
---	---

**ACKNOWLEDGEMENT FOR ECN INITIATION: (OPTIONALS)**

<input type="checkbox"/> Tooling Rep <input type="checkbox"/> Mfg Eng Rep <input type="checkbox"/> Production Rep <input type="checkbox"/> Materials Rep <input checked="" type="checkbox"/> Quality Rep	<input type="checkbox"/> Marketing Rep <input type="checkbox"/> Facilities Rep <input type="checkbox"/> Sales Rep. <input type="checkbox"/> Product Eng. Rep. <input type="checkbox"/> Purchasing Rep	<u>Marco Lamanna</u> <u>Esther Marothy</u> <u>Mit Patel</u>
--	---	---

**APPROVALS FOR ECN INITIATION (REQUIRED)**

<input checked="" type="checkbox"/> General Manager <u>Bob Sakitkovski</u>	<input checked="" type="checkbox"/> Quality Engineer <u>Mit Patel</u>
<input checked="" type="checkbox"/> Engineering Manager <u>Ronnie Sta Monica</u>	<input checked="" type="checkbox"/> Engineer <u>Jacky Lai</u>
<input checked="" type="checkbox"/> Business Development Manager <u>K. Samuels</u>	

*K. Samuels*  
 6/4/25

**STATUS**

**APPROVED** ☒

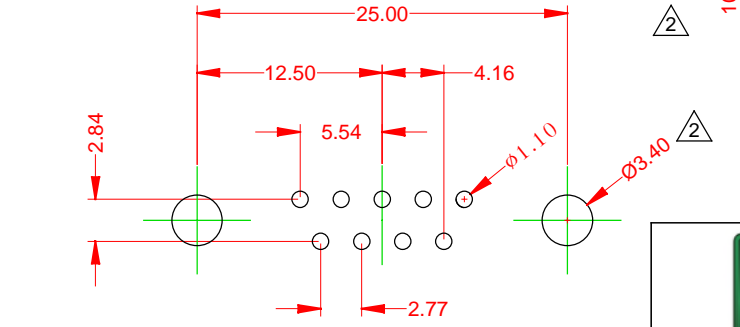
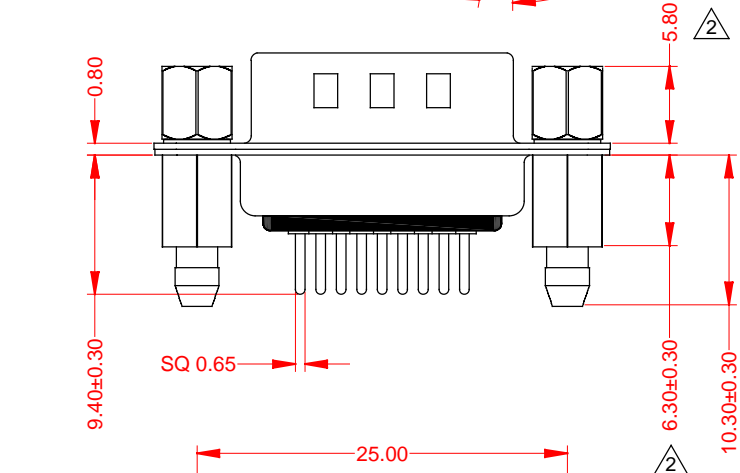
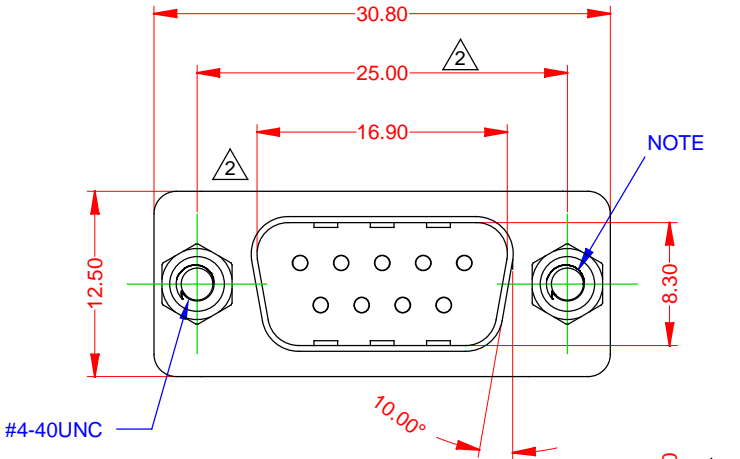
**CCS CHANGE REQUEST #**

**REJECTED** ☐

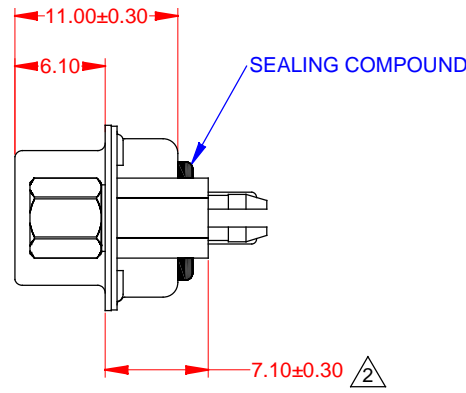
Change REJECTED by:

Rejected Date:

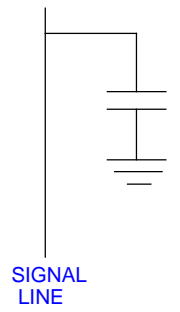
REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	2020-08-12	P.M
2	UPDATED SHELL, Ø3.40 WAS Ø3.20, 5.80 WAS 5.72, 7.10 WAS 7.09, 6.30 WAS 6.29, 10.30 WAS 10.29, 25.00 WAS 24.98	2025-05-28	J.S.M



RECOMMENDED PCB LAYOUT  
PCB TOLERANCE ±0.05



CAPACITANCE SCHEMATIC  
FOR EACH POSITON




**SPECIFICATIONS:**  
CONTACT MATERIAL: COPPER ALLOY  
CONTACT PLATING: GOLD FLASH  
HOUSING MATERIAL: PBT+30% G.F., UL 94V-0, BLACK  
SHELL: STEEL, NICKEL PLATED

**CURRENT RATING:** 5A  
**CONTACT RESISTANCE:** 10MΩ MAX  
**INSULATION RESISTANCE:** 1000MΩ MIN  
**WITHSTANDING VOLTAGE:** 300V DC  
**TEMPERATURE RANGE:** -25°C ~ +85°C  
**CAPACITOR VALUES:** 0.001μF±20%

**PACKAGING TYPE:** TRAY

**NOTE:**  
**MAXIMUM TORQUE VALUE FOR THREAD:** 5.0 LBS-IN

		DRAWN BY		P.M		D-SUB CONNECTOR, 9P MACHINED, PLUG, VERTICAL							
		DRAWN DATE		2020-08-12									
		CHECKED BY		J.L									
				CHECK DATE		2025-05-28		PART NUMBER		627-M09-220-PN6			
RoHS COMPLIANT	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED , OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION	TOLERANCES		ALL DIMENSIONS AND TOLERANCES  IN MM		MATERIAL		PBT+30% G.F.		SIZE		A	
		.X     ±0.30				REF: EC0859				REVISION			
		.XX    ±0.20								R2			
		.XXX   ±0.10				SCALE		1:1		SHEET		1	