

		<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	June 14, 2025	20250614-00
Email Address:	<a href="mailto:mpatel@edac.net">mpatel@edac.net</a>		
Department	Quality	Revision Number	SHEET
		1	1 of 3

**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**

Specification added

**DESCRIPTION OF CHANGE:**

Insulation Resistance and operation temperature specification have been added to 153-062-620-900. There will be no form, fit, and function effects.

INSULATION RESISTANCE:    5000MQ MIN.

OPERATING TEMPERATURE:   -65°C ~ +105°C

**PARTIES AFFECTED**

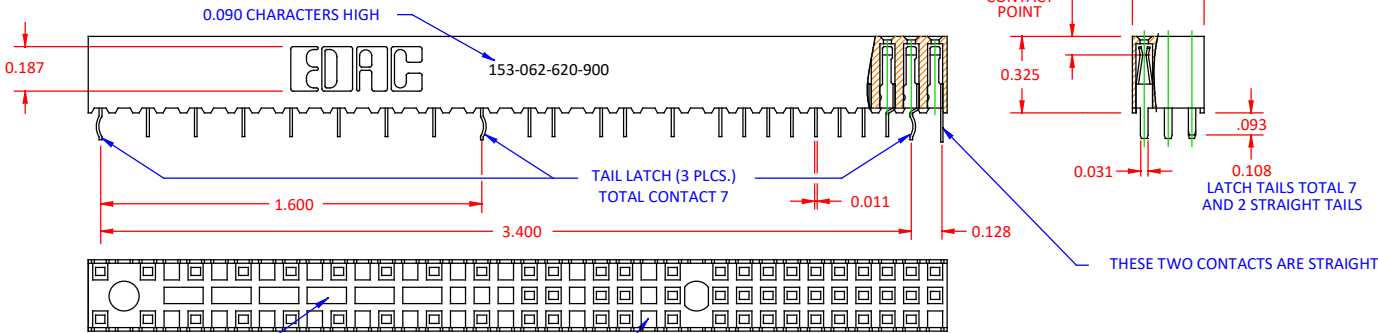
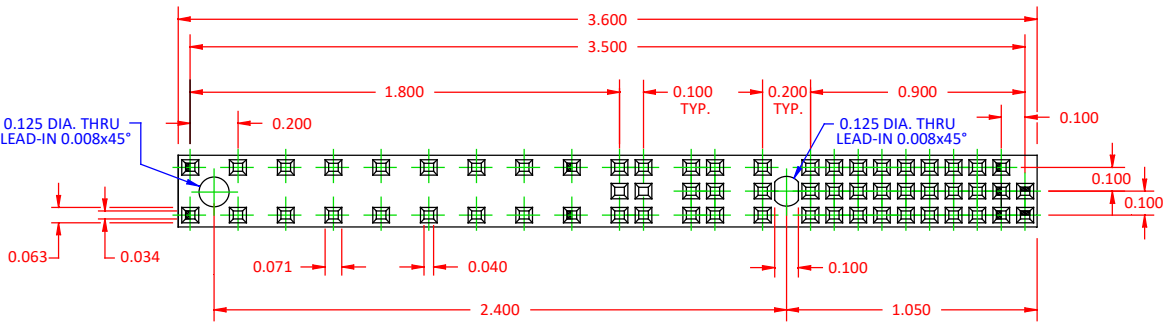
<input checked="" type="checkbox"/> Customer <input checked="" type="checkbox"/> Distributors <input type="checkbox"/> Suppliers	<input type="checkbox"/> NORCOMP <input type="checkbox"/> MH <input checked="" type="checkbox"/> ETW	<input checked="" type="checkbox"/> ECA <input checked="" type="checkbox"/> EDG <input checked="" type="checkbox"/> EDAC UK
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**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 _____
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ACKNOWLEDGEMENT FOR ECN INITIATION: (OPTIONALS)		STATUS
<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	_____ _____ _____ _____ <b>Mit Patel</b>	<div style="background-color: #90EE90; padding: 5px; margin-bottom: 5px;"> <b>APPROVED</b> <input checked="" type="checkbox"/>  <b>CCS CHANGE REQUEST #</b> </div> <div style="background-color: #FFDAB9; padding: 5px;"> <b>REJECTED</b> <input type="checkbox"/>  <b>Change REJECTED by:</b>   <b>Rejected Date:</b> </div>
<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	<b>Marco Lamanna</b> <b>Esther Marothv</b> _____ _____	
APPROVALS FOR ECN INITIATION (REQUIRED)		
<input checked="" type="checkbox"/> General Manager <input checked="" type="checkbox"/> Engineering Manager <input checked="" type="checkbox"/> Business Development Manager	<b>Bob Sakitkovski</b> <b>Ronnie Sta Monica</b> <b>Kobie Samuels</b> <i>K.S. 7/11/25</i>	
<input checked="" type="checkbox"/> Quality Engineer <input checked="" type="checkbox"/> Engineer	<b>Mit Patel</b> <b>Jacky Lai</b>	

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	R.S.M
9	NOTES ADDED	2001-09-07	F.B
10	FORCES UPDATED	2001-09-11	F.B
11	EDAC LOGO AND PT/NO. ADDED	2001-09-14	F.B
12	RoHS COMPLIANCY ADDED	2008-08-26	N.S
13	RECTANGULAR HOLES WAS SQUARE	2011-08-05	F.B
14	PLATING UPDATE (SHEET 2)	2016-11-08	C.B
15	UPDATED SPECIFICATIONS	2025-06-16	J.S.M



THESE HOLES ARE 0.230 DEEP FROM BOTTOM SURFACE

THESE SQUARE HOLES ARE 0.230 DEEP FROM BOTTOM SURFACE


- CONTACT PART NO. 153-290-622 QTY. 7
- CONTACT PART NO. 153-290-621 QTY. 2
- CONTACT PART NO. 153-290-620 QTY. 53

15

SPECIFICATION:

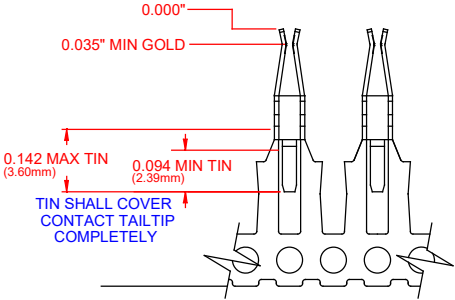
CONTACT MATERIAL: PHOSPHOR BRONZE ALLOY 510  
CONTACT PLATING: 35µ" GOLD OVER CONTACT AREA, TIN OVER SOLDER AREA, NICKEL UNDERPLATING.  
FOR FULL PLATING DETAILS SEE SHEET 2  
HOUSING MATERIAL: LCP+30%G.F., UL 94V-0, BLACK COLOR  
CURRENT RATING: 3A PER CONTACT  
WITHSTANDING VOLTAGE: 2700V DC OR 1900V AC FOR 1 SEC, PIN-TO-PIN  
CONTACT RESISTANCE: 10mΩ MAX.  
INSULATION RESISTANCE: 5000MΩ MIN.  
OPERATING TEMPERATURE: -65°C ~ +105°C  
INSERTION FORCE: 2.5 ± .5 OZ. WITH .025 SQ. PIN  
WITHDRAWAL FORCE: 1.5 ± .5 OZ. WITH .025 SQ. PIN  
INSERTION DEPTH: .100 TO .240  
DURABILITY: 100 CYCLES MIN. WITH .025 SQ. PIN

PC TAILS MUST HAVE TAPERED LEAD-INS

		DRAWN BY		F.B		RECEPTACLE TOP ENTRY VERTICAL P.C.B. TAILS					
		DRAWN DATE		2001-03-15							
		CHECKED BY		J.L							
		CHECK DATE		2025-06-16		PART NUMBER		153-062-620-900			
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 INCHES		MATERIAL		LCP+30%G.F.		SIZE	A
		.X	±.010			REVISION					
		.XX	±.006								
		.XXX	±.002			SCALE		1 : 1	SHEET	1	OF

ENGINEERING SPECIFICATION 85/2 - APPENDIX "A"

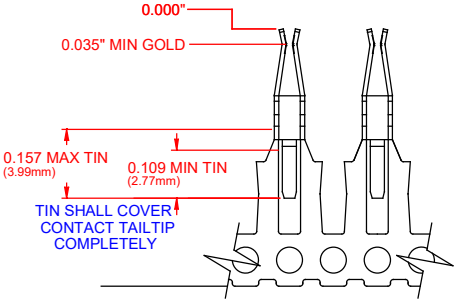
PLATING ZONE DESIGNATION FOR  
PART NUMBER 153-292-620-GTT



THE CONTACT ABOVE IS PRODUCED BY PLATING  
CONTACT PART NUMBER 153-292-120

ENGINEERING SPECIFICATION 85/2 - APPENDIX "A"

PLATING ZONE DESIGNATION FOR  
PART NUMBER 153-292-621-GTT

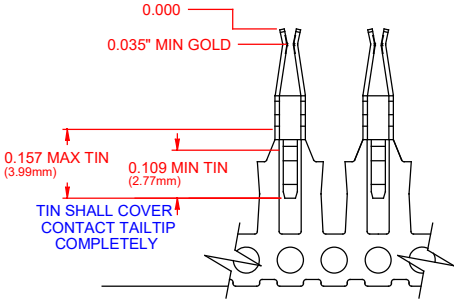


THE CONTACT ABOVE IS PRODUCED BY PLATING  
CONTACT PART NUMBER 153-292-121

DRAWING NUMBER:  
APP-A-153-292-621-GTT-2

ENGINEERING SPECIFICATION 85/2 - APPENDIX "A"

PLATING ZONE DESIGNATION FOR  
PART NUMBER 153-292-622-GTT



THE CONTACT ABOVE IS PRODUCED BY PLATING  
CONTACT PART NUMBER 153-292-122

DRAWING NUMBER:  
APP-A-153-292-622-GTT-2



RoHS  
COMPLIANT

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DRAWN BY	F.B
DRAWN DATE	2001-03-15
CHECKED BY	J.L
CHECK DATE	2025-06-16

TOLERANCES		ALL DIMENSIONS AND TOLERANCES IN INCHES
.X	±.010	
.XX	±.006	
.XXX	±.002	

RECEPTACLE TOP ENTRY VERTICAL P.C.B. TAILS

PART NUMBER	153-062-620-900
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MATERIAL	LCP+30%G.F.	SIZE	A
		REVISION	
		R15	
SCALE	1 : 1	SHEET	2 OF 2