Product Change Notification

TE Connectivity

Product Change Notification: PCN-23-163154 **PCN Date:** 10-JAN-23

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
RECEPTACLE, POSITIVE LOCK MKII 187 AND 250 SERIES

Description of Changes
ADDED NOTE TO NOTES LIST THAT TERMINAL MUST BE USED WITH A TIN PLATED TAB **Other attachments:** REQUIREMENT FOR TIN PLATED MATING TAB NOT SPECIED REQUIREMENT FOR TIN PLATED MATING TAB SPECIFIED IN NOTES LIST

Reason for Changes:
UNPLATED LOW INSERTION FORCE MKII RECEPTACLES MUST BE USED WITH TIN PLATED TABS TO MEET PERFORMANCE SPECS

PCN Attributes:	
Product Category:	**Kind of Change:**
Terminals	Revision Adjustment / Part Clarification
Change Feature:	**Potential Customer Impact:**
Clarification/Correction	Customer Process Impact
Remarks:	

Estimated Dates:	
Last Order Date (Obsolete Parts Only):	**First Ship Date of Changed Items** (Changed Parts Only):
	31-JAN-2023
Last Ship Date of Changed Items (Obsolete Parts Only):	**Last Date for Mixed Shipments:** (Changed Parts Only):
	No Mixed Shipments
Effectivity Date:	**Date of First Samples:**

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2238278-1	NO						
2238279-1	NO						
2238283-1	NO						
2238285-1	NO						

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
2238278	2238278-1		A1	
2238279	2238279 1		A1	
2238283	2238283-1		A1	
2238285	2238285-1		A1	

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2238283	2238283-1		A1	
2238285	2238285-1		A1	

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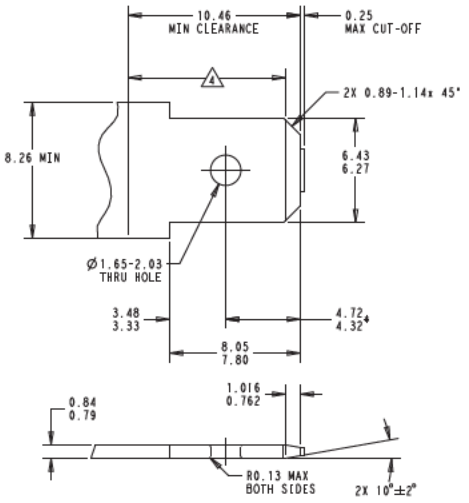
2238285	2238285-1		A1	

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	2	INSULATION BARREL UPDATED	12AUG2020	BKW	KR
	3	PLATING CHANGED TO UNPLATED	02SEP2020	BKW	KR
	A	REVISED PER ECN-21-111483	04AUG2021	PC	KR
	A1	REVISED PER ECN-22-173509	07SEP2022	TDB	KR

SUGGESTED MATING TAB



1. MATERIAL: 1/2 HARD BRASS OR NICKEL PLATED STEEL
2. NO BURRS PERMISSIBLE AROUND HOLE
3. TIN PLATING IS REQUIRED ON BRASS WHEN TERMINAL TEMPERATURE IS OVER 225°F

4 MUST BE FLAT WITHIN 0.08 OVER THIS LENGTH

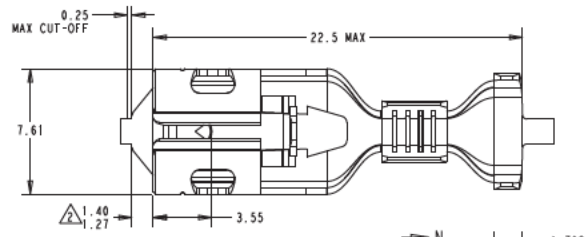
5. HOLE MUST BE SYMMETRICAL ABOUT TAB ℄ WITHIN 0.08.

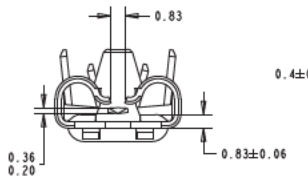
♦ TO BE USED ONLY WHEN SHOULDER IS ELIMINATED.

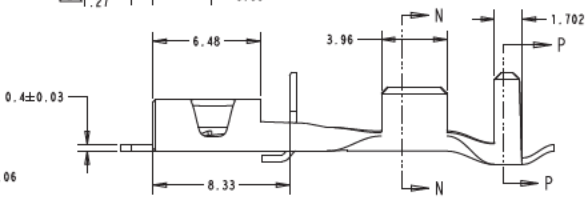
1. CONTINUOUS STRIP ON REELS, BREAKS MAY BE PRESENT

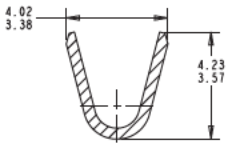
2 THIS DIMENSION MUST BE MAINTAINED FOR PROPER FUNCTION OF THE LATCHING MECHANISM.

3. WIRE RANGE:
(2) 18 AWG STRANDED / (2) 2.80 INSULATION DIAMETER DOUBLE WIRE
(1) 20 AWG + (1) 18 AWG STRANDED / (1) 2.56 + (1) 2.80 INSULATION DIAMETER DOUBLE WIRE
(1) 18 AWG + (1) 16 AWG STRANDED / (1) 2.80 + (1) 3.11 INSULATION DIAMETER DOUBLE WIRE

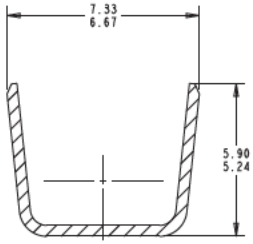








SECTION N-N
SCALE 10:1



SECTION P-P
SCALE 10:1

UNPLATED	BRASS	2238278-1
FINISH	MATERIAL	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±1 1 PLC ±0.5 2 PLC ±0.25 3 PLC ±0.13 4 PLC ANGLES ±2°

MATERIAL: SEE TABLE

FINISH: SEE TABLE

DRN	05JUN2020 R. WEAVER
CHK	05JUN2020 K. RANDOLPH
APVD	05JUN2020 W. MOYER
PRODUCT SPEC	-
APPLICATION SPEC	114-2074
WEIGHT	-
CUSTOMER DRAWING	

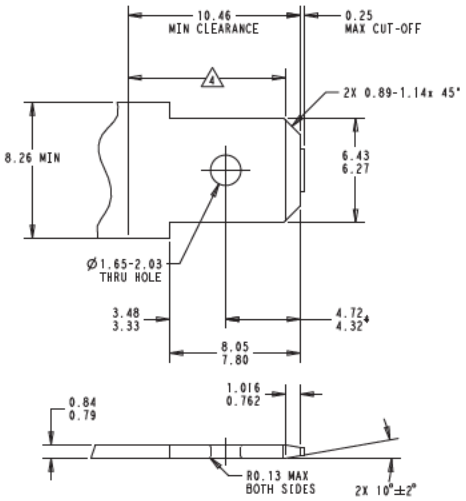
TE Connectivity

NAME: RECEPTACLE, POSITIVE-LOCK 250 SERIES -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2238278	-

SCALE 6:1 SHEET 1 OF 1 REV A1

SUGGESTED MATING TAB



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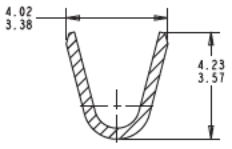
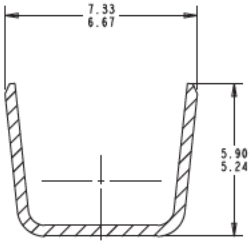


SECTION N-N
SCALE 10:1



SECTION P-P
SCALE 10:1

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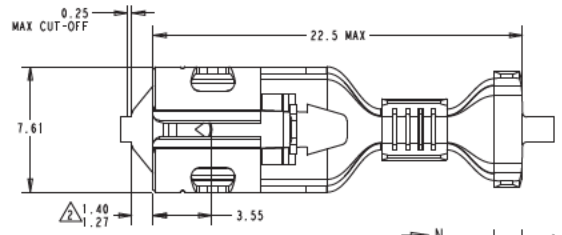

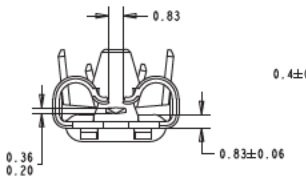

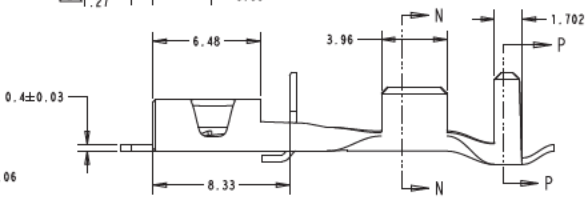

UNPLATED 4	BRASS	2238278-1
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SCALE 6:1 SHEET 1 OF 1 REV B