

Recommended P/N 3539-0001-45T

PART NO.	PACKING
3539-0001-45T	TRAY
3539-0001-45E	EMBOSS

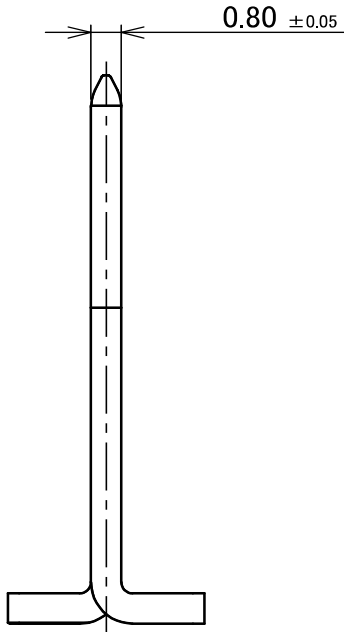
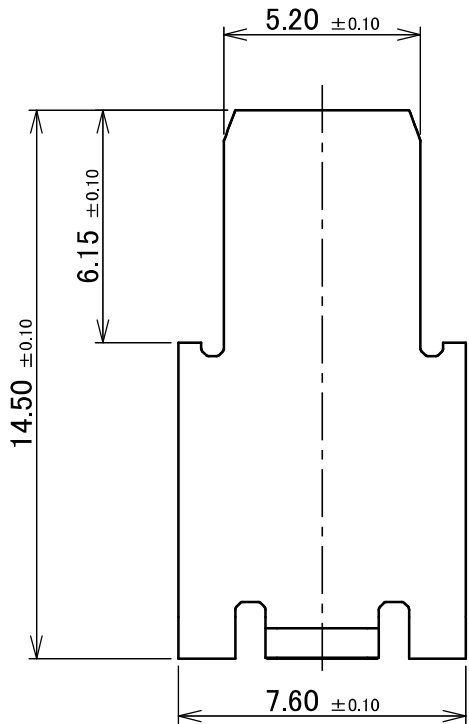
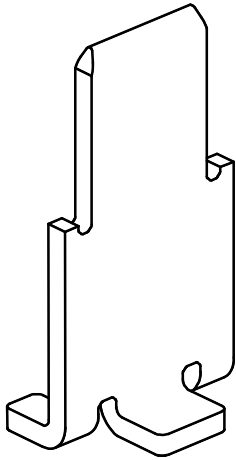
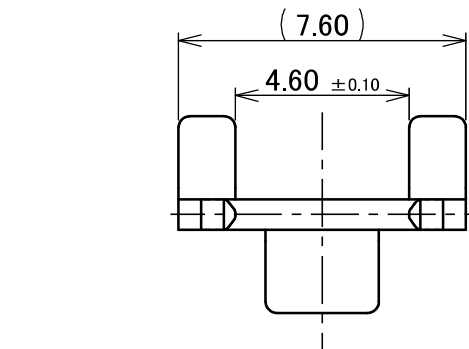


Halogen Free



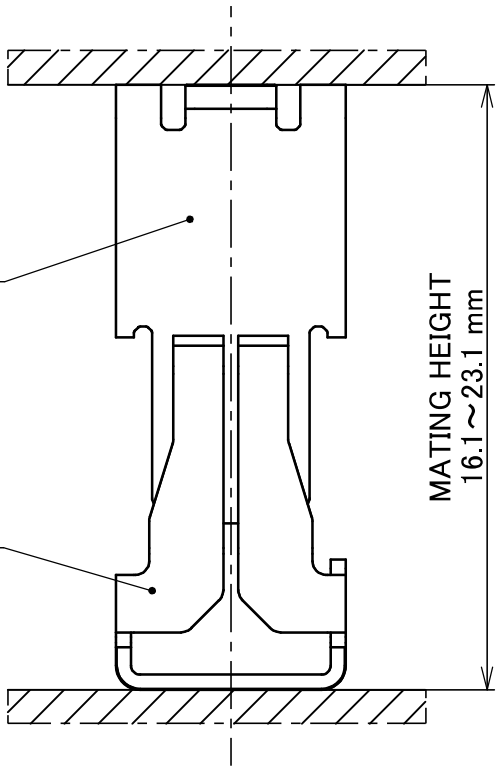
RoHS Compliant

IATF 16949 Cetified



AP-10 PLUG 14.5mm
P/N: 3539-0001-45T

AP-10 RECEPTACLE
P/N: 3532-0001-00T



MATING CONDITION

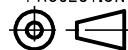
NOTES.

1. APPLICABLE CONNECTOR
AP-10 RECEPTACLE (P/N: 3532-0001-00T)

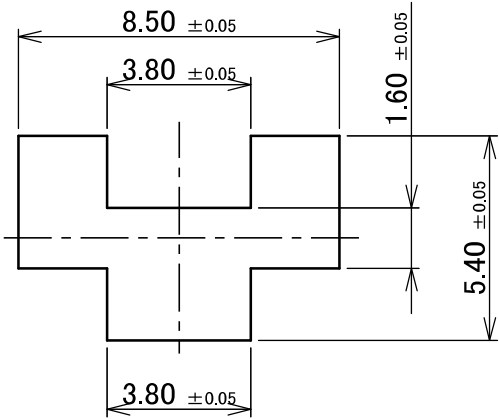
1	PLUG	BRASS	Sn 1.00~4.50 μ m OVER Ni 1.00~4.50 μ m
NO.	DESCRIPTION	MATERIAL	REMARKS, FINISH

					ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
4	Z251302	Mizo	2025/07/30	Y.H	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R2	I-PEX		
3	Z240727	F.J	2024/06/10	Y.H	GENERAL TOLERANCE.				TITLE AP-10 PLUG 14.5mm		SCALE	I-PEX	
2	Z231434	J.G	2023/11/30	Y.H	DWG.	DATE		5:1					
1	Z230029	F.J	2023/01/17	Y.H	K.Tanaka		2022/03/14	UNIT					
0	Z220290	K.T	2022/03/14		CHK.			mm					
REV.	ECN	BY	DATE	APP.	APP.				DWG. No.		SIZE	SHEET	REV.
REVISION RECORD					Y.Hashimoto				3539		A3	1/5	4

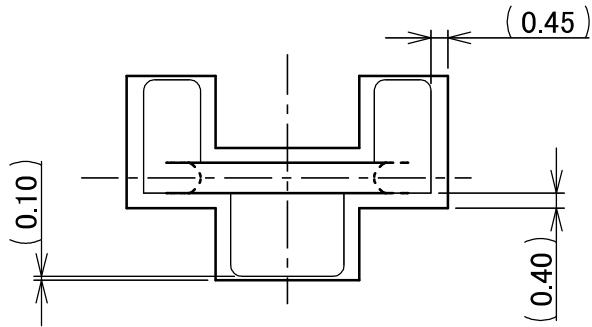
ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	3532-0001-00T
RATING AMPERAGE	30A DC
TEMPERATURE RISE	△15.0℃ MAX
COMPONENT TEMPERATURE (ENERGIZATION)	233~378K(-40℃~105℃)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 1.0 mohm MAX. / AFTER TEST : 1.0 mohm MAX.
DURABILITY	3 CYCLES
MATING FORCE/UNMATING FORCE	15.0 N MAX./15.0 N MAX.
COPLANARITY	0.10mm MAX.
PRODUCT SPECIFICATION	PRS-2616
TEST REPORT	TR-19063
PACKING STANDARD	PST-22010(TRAY) PST-23067(EMBOSS)
APPEARANCE CRITERIA No.	QLS-A***

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R2	CUSTOMER COPY							
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5										
GENERAL TOLERANCE.				TITLE AP-10 PLUG 14.5mm			SCALE	I-PEX					
DWG.	DATE						5:1						
CHK.							UNIT						
APP.							mm						
				DWG. No. 3539			SIZE	SHEET	REV.				
							A3	2/5	4				

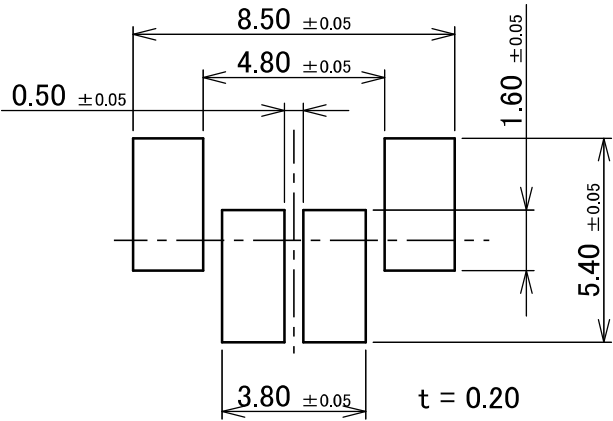
PART NO.	PACKING
3539-0001-45T	TRAY
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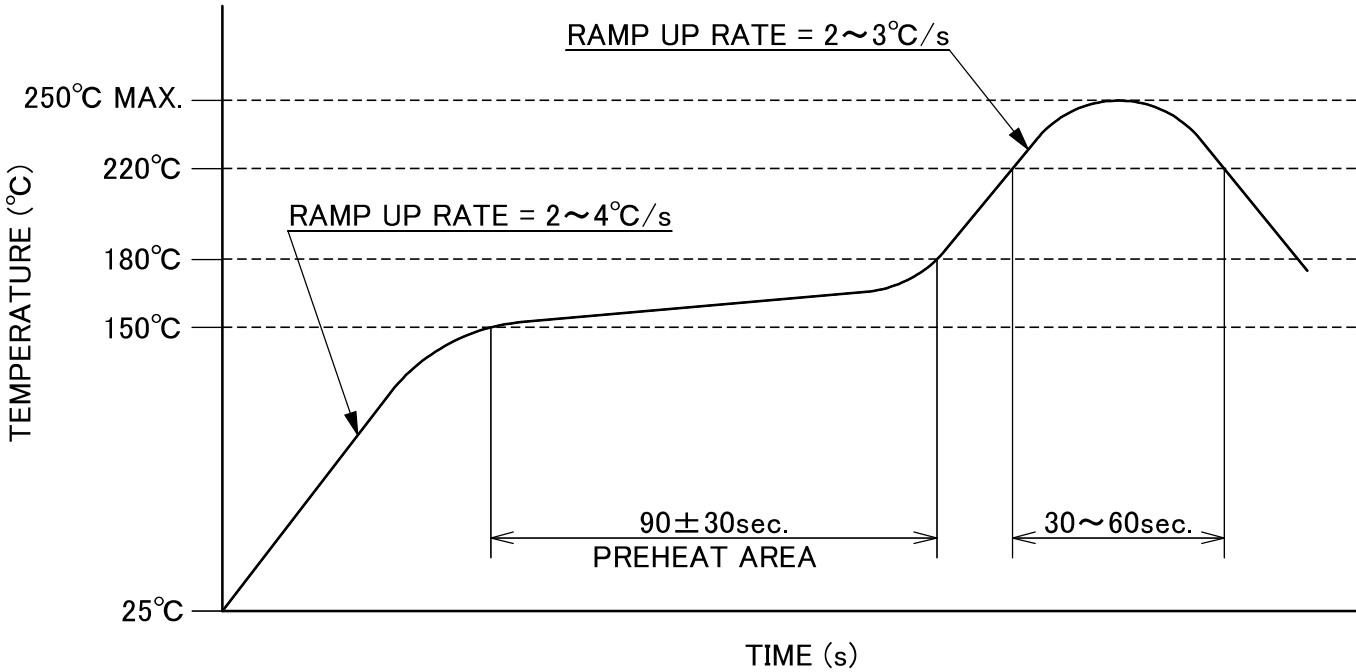
RECOMMENDED PATTERN LAYOUT



CONNECTOR ON RECOMMENDED PATTERN



RECOMMENDED METAL MASK LAYOUT

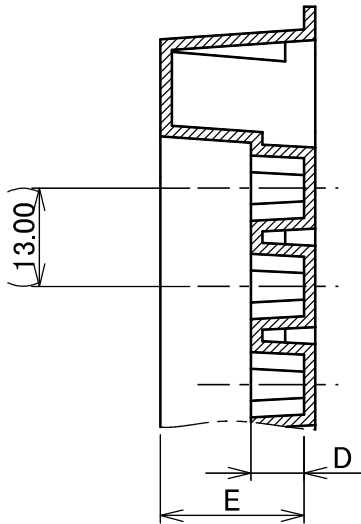
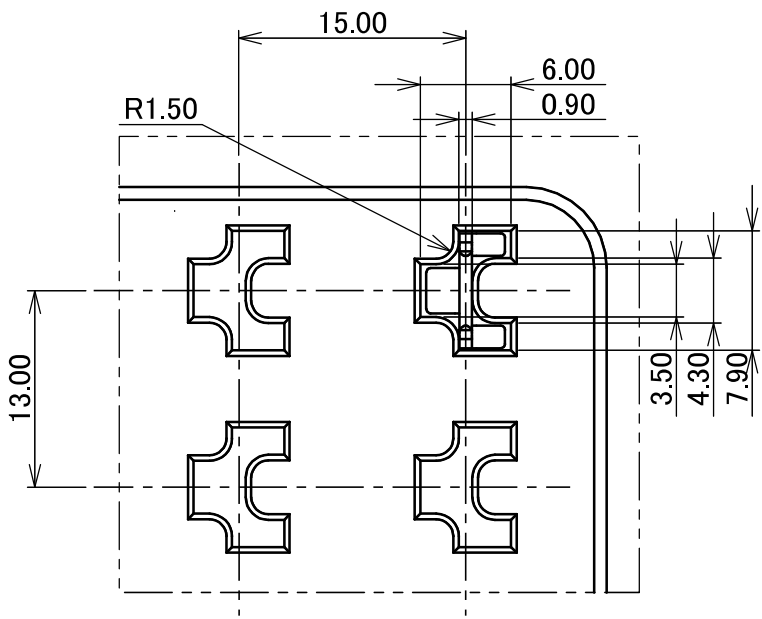
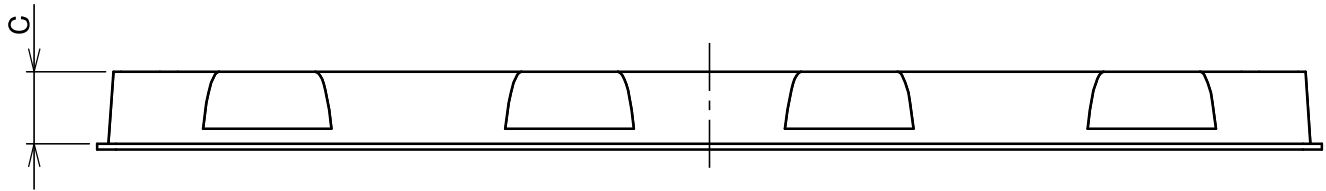
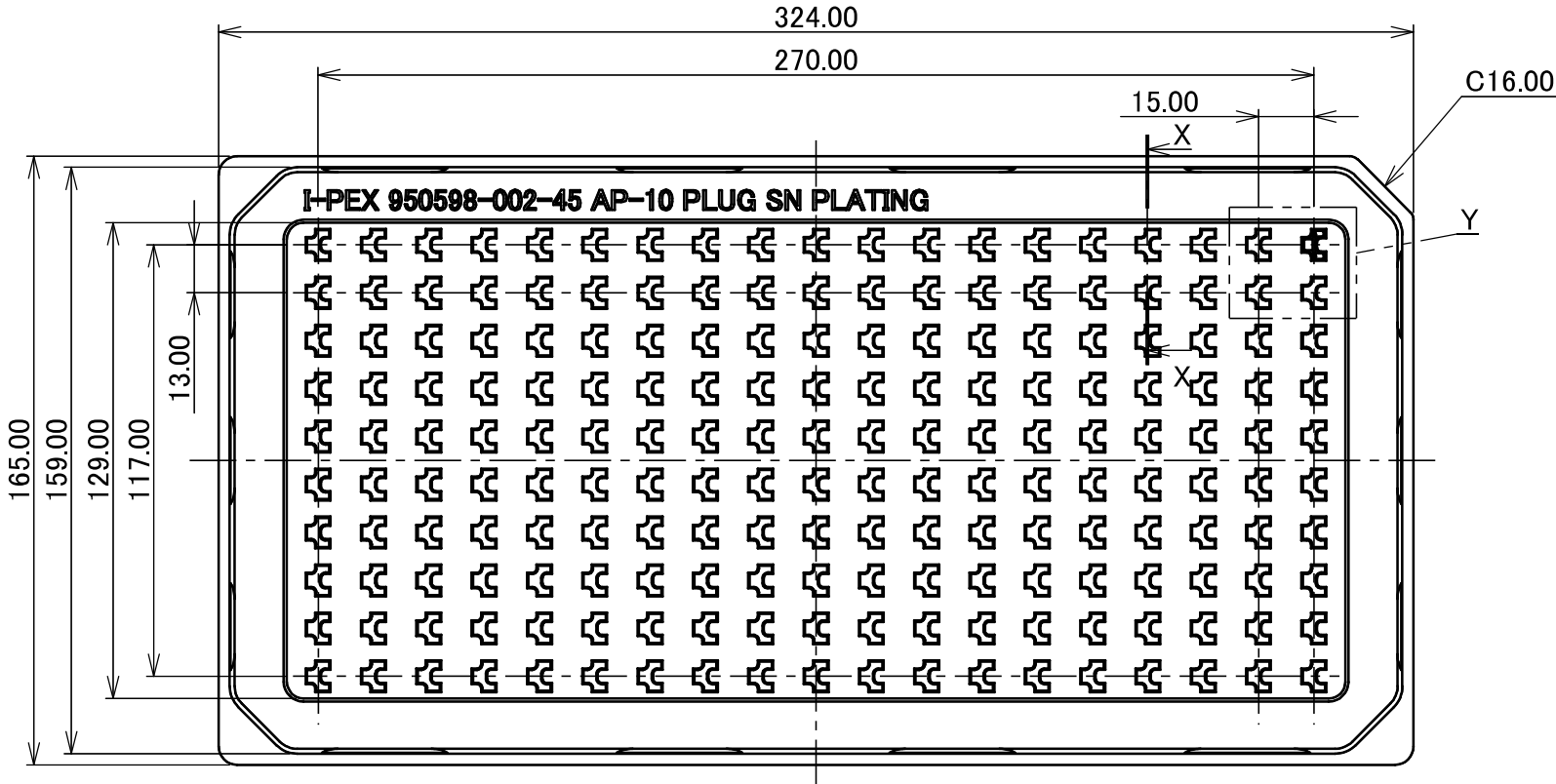


REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R2	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE AP-10 PLUG 14.5mm		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No. 3539		SIZE A3	SHEET 3/5	REV. 4

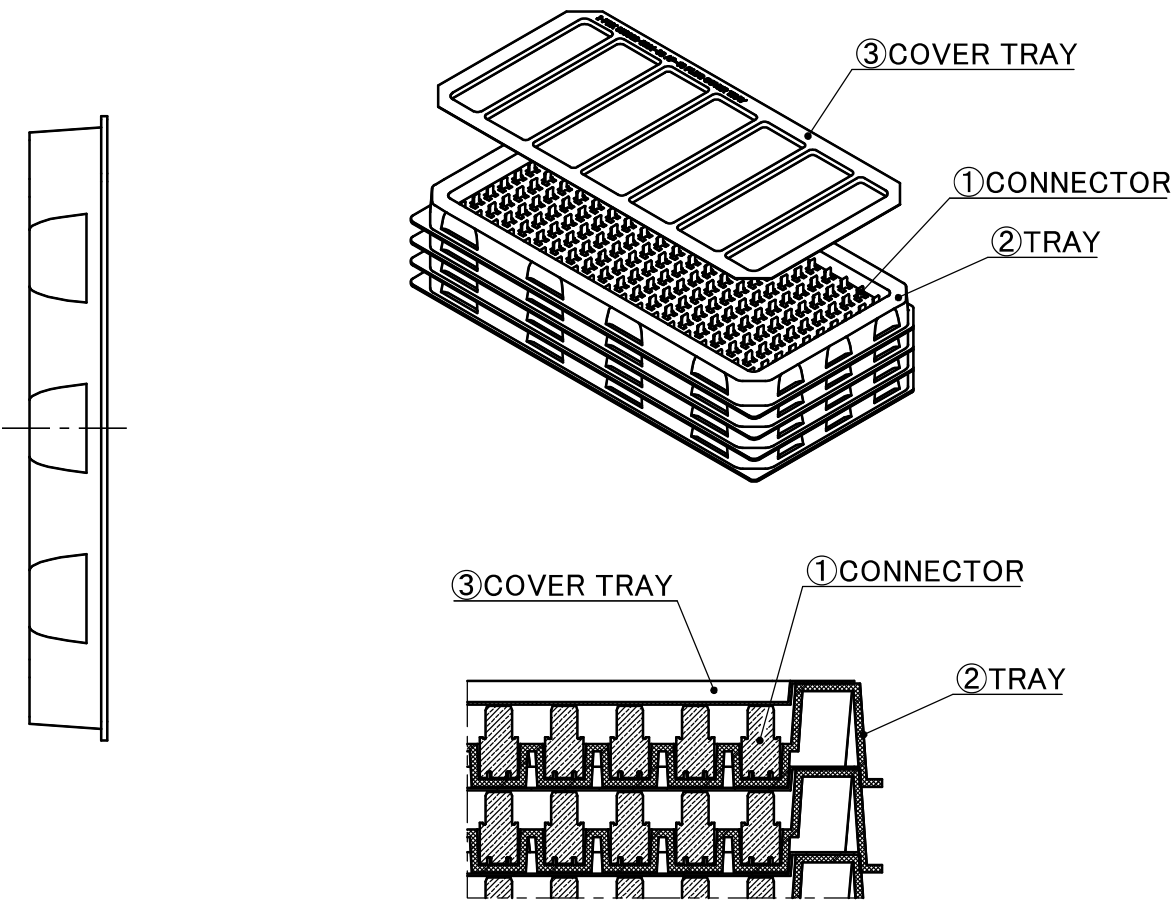
PART NO.	C	D	E	QTY. PER TRAY (PIECES / TRAY)	QTY. PER PACKING CARTON (TRAYS / CARTON)
3539-0001-45T	19.0	7.0	19.0	190 PIECES / TRAY	4 TRAYS / CARTON = 760 PIECES

IATF 16949 Cetified



DETAIL Y
S = 2 / 1

SECTION X-X
S = 1 / 1



PILED TRAY CONDITION

NOTES.

2. TRAY MATERIAL SURFACE RESISTIVITY UNDER $10^{10} \Omega / \text{sq}$.

3	COVER TRAY	PS t=0.50mm	WHITE
2	TRAY	PS t=1.50mm	WHITE
1	CONNECTOR	BRASS	-
NO.	DESCRIPTION	MATERIAL	REMARKS

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R2	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE AP-10 PLUG 14.5mm	SCALE 1:2	I-PEX		
DWG.	DATE							UNIT mm
CHK.								
APP.								
				DWG. No. 3539	SIZE A3	SHEET 4/5	REV. 4	

