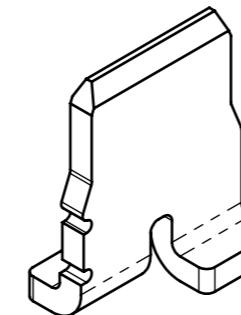
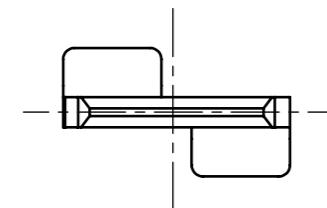


Recommended P/N

3531-0001-00T

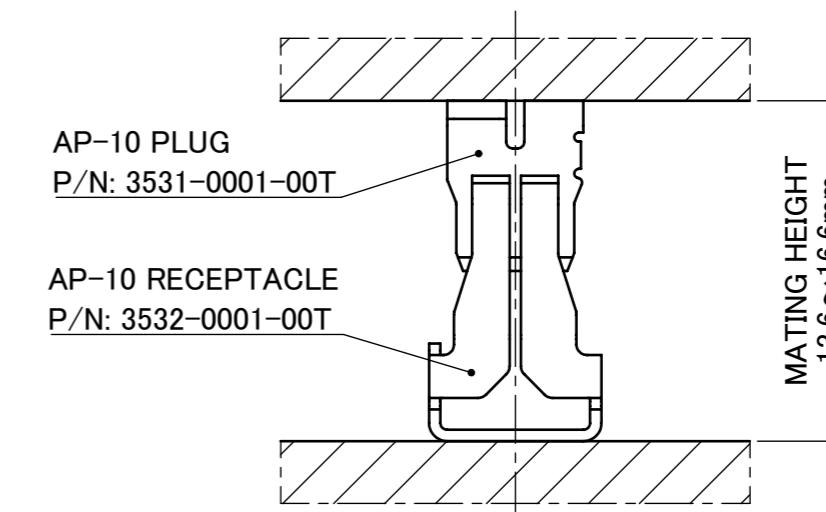
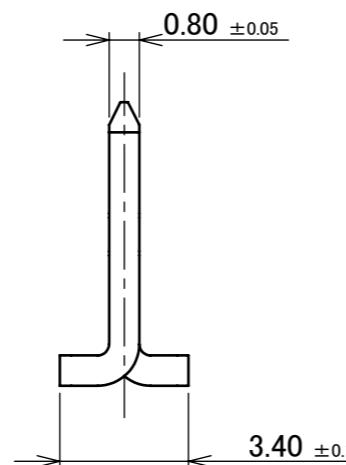
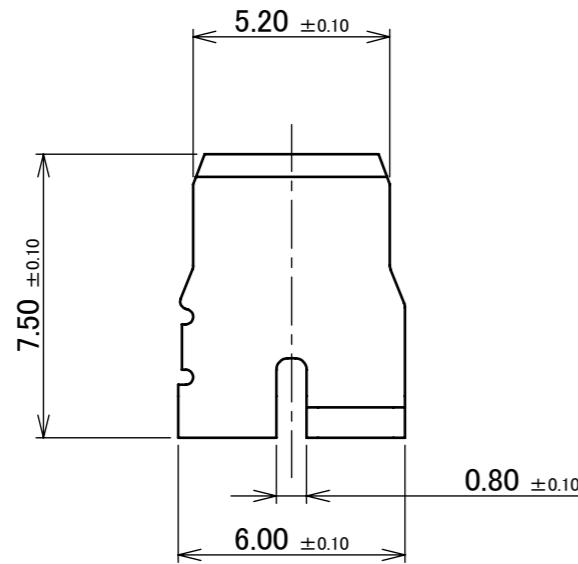
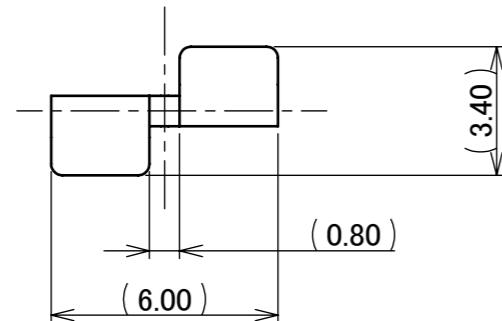
PART NO.

3531-0001-00T



NOTES.

1. APPLICABLE CONNECTOR
AP-10 RECEPTACLE (P/N: 3532-0001-00T)
2. APPLICABLE MATING HEIGHT
15.0mm (13.6~16.6mm)
3. COPLANARITY 0.10 MAX.
4. RoHS COMPLIANT
THIS PRODUCT IS COMPLIANT WITH RoHS DIRECTIVE.
5. HALOGEN FREE
THIS PRODUCT IS CONFORMED TO IEC 61249-2-21.
6. RATED CURRENT: 16A AC/DC

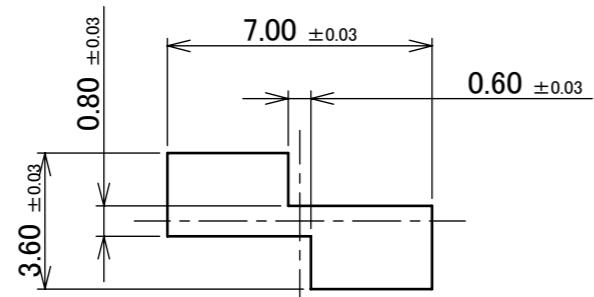
MATING CONDITION

1	PLUG	BRASS	Sn 1.00 μ mm MIN. OVER Ni 1.00 μ mm MIN.
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

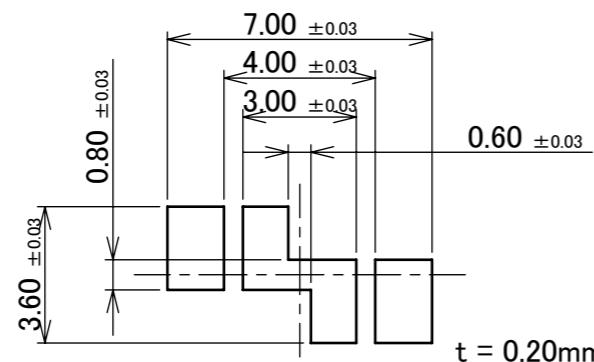
ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION	SERIES No.	CUSTOMER COPY
GENERAL TOLERANCE.						
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5	DWG. No.	TITLE	
T.Yamauchi		2019/08/01		AP-10		5:1
CHK.		DATE		PLUG		UNIT
						mm
REV.	ECN	BY	DATE	APP.	APP.	SIZE
0	Z200117	T.Y	2020/01/27	Y.S	Y.Shimada	A3
Z191026					DATE	SHEET
					2019/08/01	1/4
REVISION RECORD				DWG. No.	3531	REV.
						1

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	3532-0001-00T
APPLICABLE MATING HEIGHT	15.0mm (13.6~16.6mm)
RATING AMPERAGE (FOR SIGNAL CONTACT)	16A AC/DC
TEMPERATURE RISE	Δ15.0°C Max.
OPERATING TEMPERATURE	233~398K(-40°C~+125°C) (CONTAINING TEMPERATURE RISE BY CURRENT)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 1.0 mohm MAX. AFTER TEST : 1.5 mohm MAX.
DURABILITY	10 CYCLES
MATING FORCE	15.0 N MAX.
COPLANARITY	0.10mm MAX.
PRODUCT SPECIFICATION	PRS-2616
TEST REPORT	TR-19063
PACKING STANDARD	PST-17020
INSTRUCTION MANUAL	HIM-19017
APPEARANCE CRITERIA No.	QLS-A***

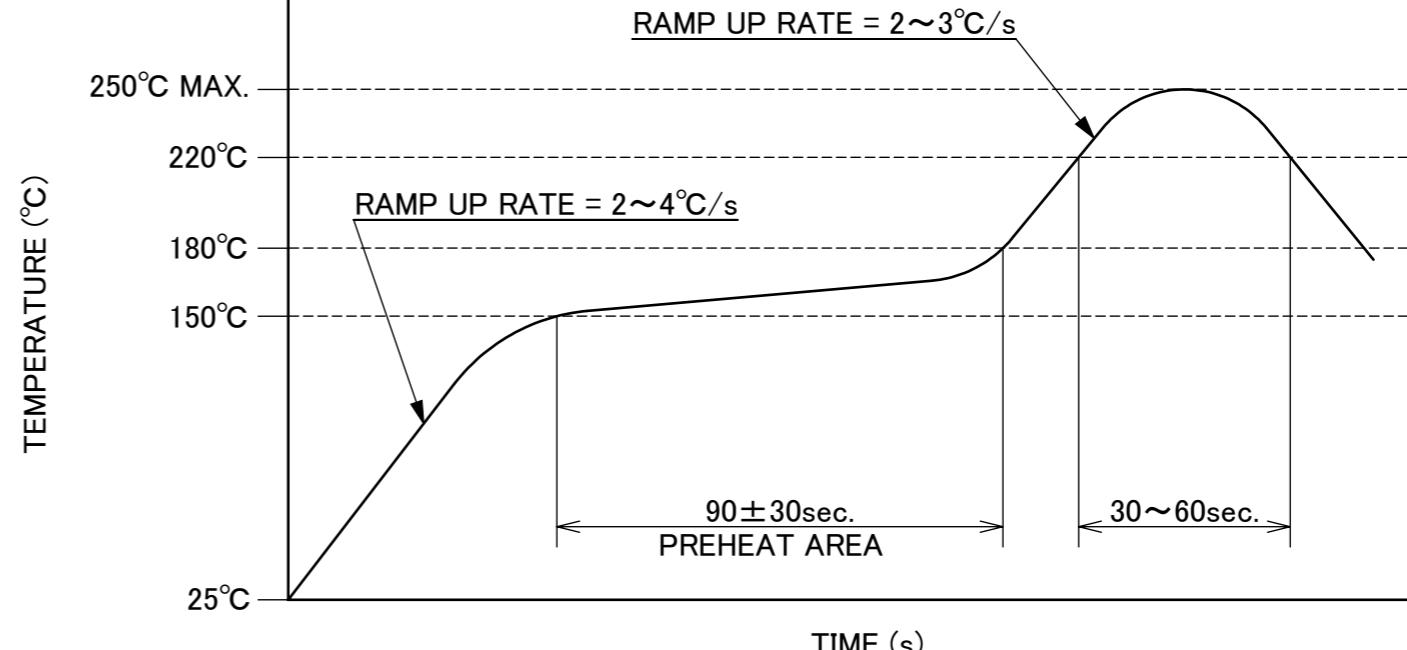
ANGLE ±2°	6 OVER 30 MAX. ±0.3	PROJECTION	SERIES No.	CUSTOMER COPY
6 MAX. ±0.2	30 OVER 120 MAX. ±0.5		R0	
GENERAL TOLERANCE.		TITLE		
DWG.	DATE	AP-10		
CHK.	DATE	PLUG		
APP.	DATE	DWG. No.	3531	
		SIZE	A3	
		SHEET	2/4	REV. 1
I-PEX connectors				



RECOMMENDED FOOTPRINT PATTERN



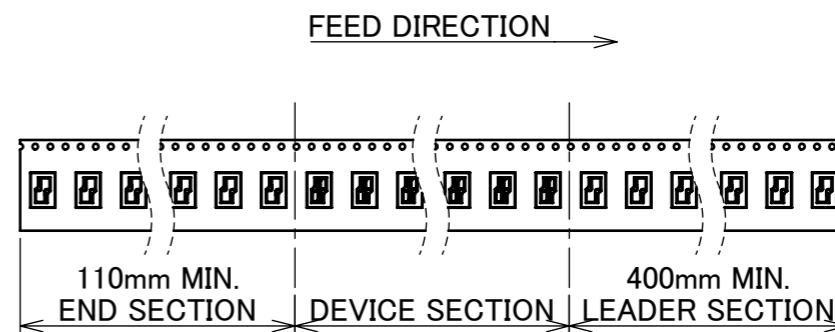
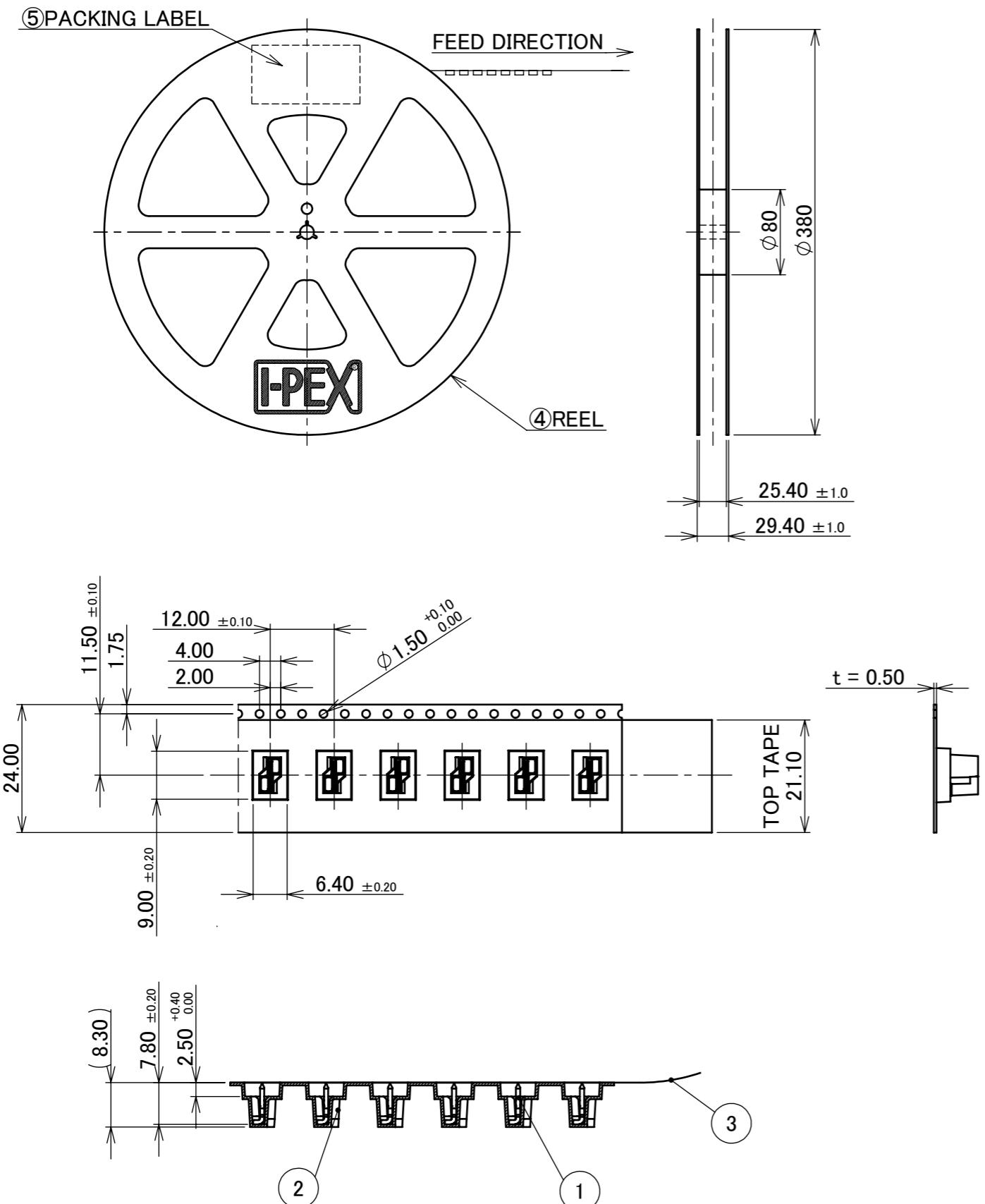
RECOMMENDED METAL MASK



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

ANGLE $\pm 2^\circ$	6 OVER 30 MAX. ± 0.3	PROJECTION	SERIES No.	CUSTOMER COPY
6 MAX. ± 0.2	30 OVER 120 MAX. ± 0.5		R0	
GENERAL TOLERANCE.				
DWG.	DATE	TITLE		SCALE
CHK.	DATE	AP-10	5:1	UNIT
APP.	DATE	PLUG	mm	I-PEX
		DWG. No.	SIZE	connectors
		3531	A3	SHEET 3/4 REV. 1

PART NO.	QTY. PER EMBOSSED REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
3531-0001-00T	700 PIECES / REEL	5 REELS / CARTON = 3,500 PIECES



- NOTES.
- 7. TAPING SPECIFICATION FOLLOWS JIS C 0806 (IEC 60286-3).
 - 8. MAKE EMPTY SECTION OF LEADER AND END ON EACH END OF THE TAPE.
 - 9. TOP TAPE SHALL NOT STICK OUT FROM EMBOSSED TAPE.
 - 10. TOP TAPE SHALL NOT COVER FEED HOLE.

NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS
5	PACKING LABEL	-	-
4	REEL	PS	BLACK
3	TOP TAPE	PET	ANTI-STATIC TYPE
2	EMBOSS TAPE	PS	ANTI-STATIC TYPE
1	CONNECTOR	COPPER ALLOY	Sn PLATING 1.00 μ m MIN.

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION	SERIES No.	CUSTOMER COPY
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5		R0	
GENERAL TOLERANCE.				TITLE		
DWG.	DATE			AP-10		
CHK.	DATE			PLUG		
APP.	DATE			DWG. No.	3531	
				SIZE	A3	
				SHEET	4/4	REV. 1