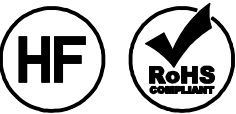
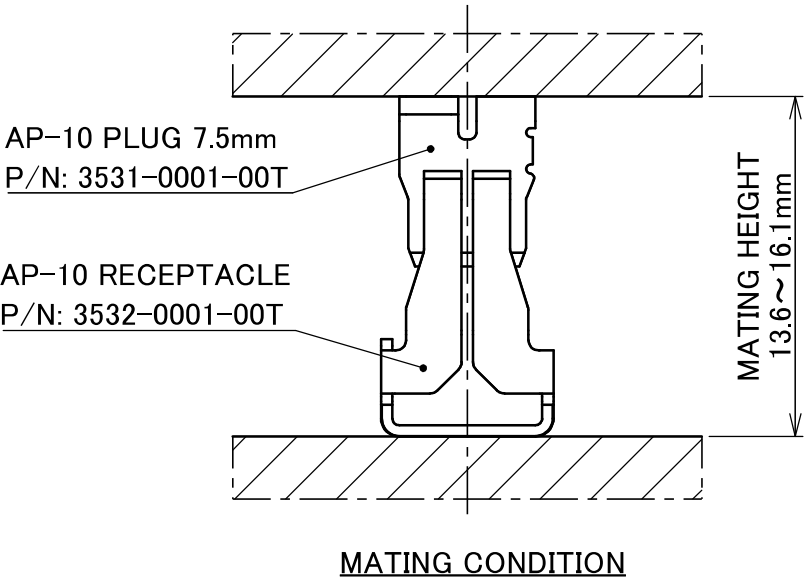
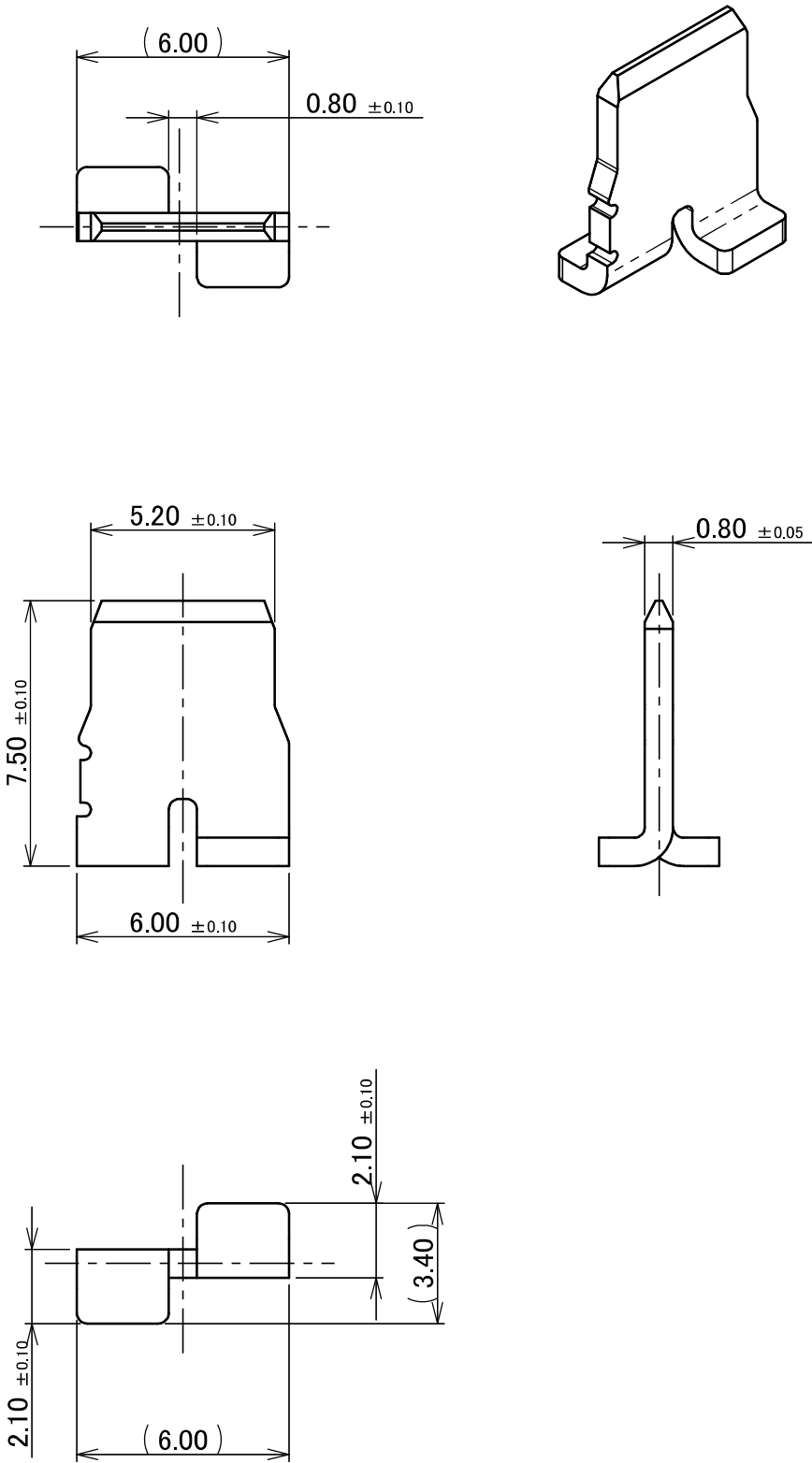


Recommended P/N3531-0001-00T

PART NO.
3531-0001-00T



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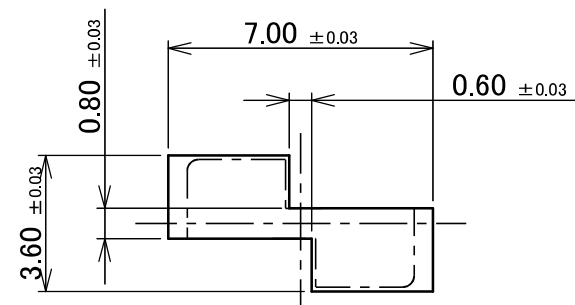


NOTES.
1. APPLICABLE CONNECTOR
AP-10 RECEPTACLE (P/N: 3532-0001-00T)

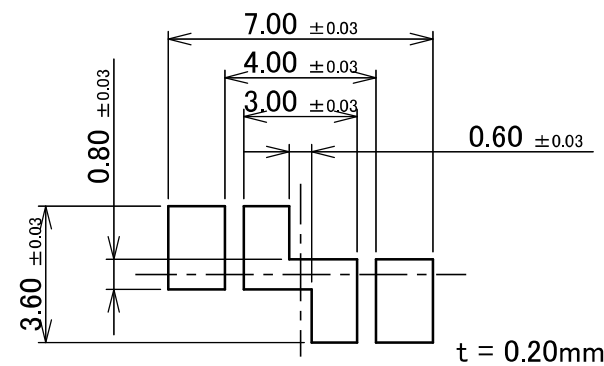
1	PLUG			BRASS			Sn 1.00 μ m ~ 4.50 μ m OVER Ni 1.00 μ m ~ 4.50 μ m							
NO.		DESCRIPTION			MATERIAL			FINISH , REMARKS						
6	Z251302	Mizo	2025/07/30	Y.H	ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No. R1	CUSTOMER COPY			
5	Z231434	J.G	2023/11/30	Y.H	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5						
4	Z230029	F.J	2023/01/17	Y.H	GENERAL TOLERANCE.				TITLE AP-10 PLUG 7.5mm			SCALE	I-PEX	
3	Z220290	K.T	2022/03/14	Y.H	DWG.	DATE		UNIT						
2	Z200243	K.T	2020/03/02	T.Y	T.Yamauchi		2019/08/01							
1	Z200117	T.Y	2020/01/27	Y.S	CHK.	—								
REV.	ECN	BY	DATE	APP.	APP.				DWG. No.			SIZE	SHEET	REV.
REVISION RECORD					Y.Shimada				3531			A3	1/4	6

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-17120
APPEARANCE CRITERIA No.	QLS-A***

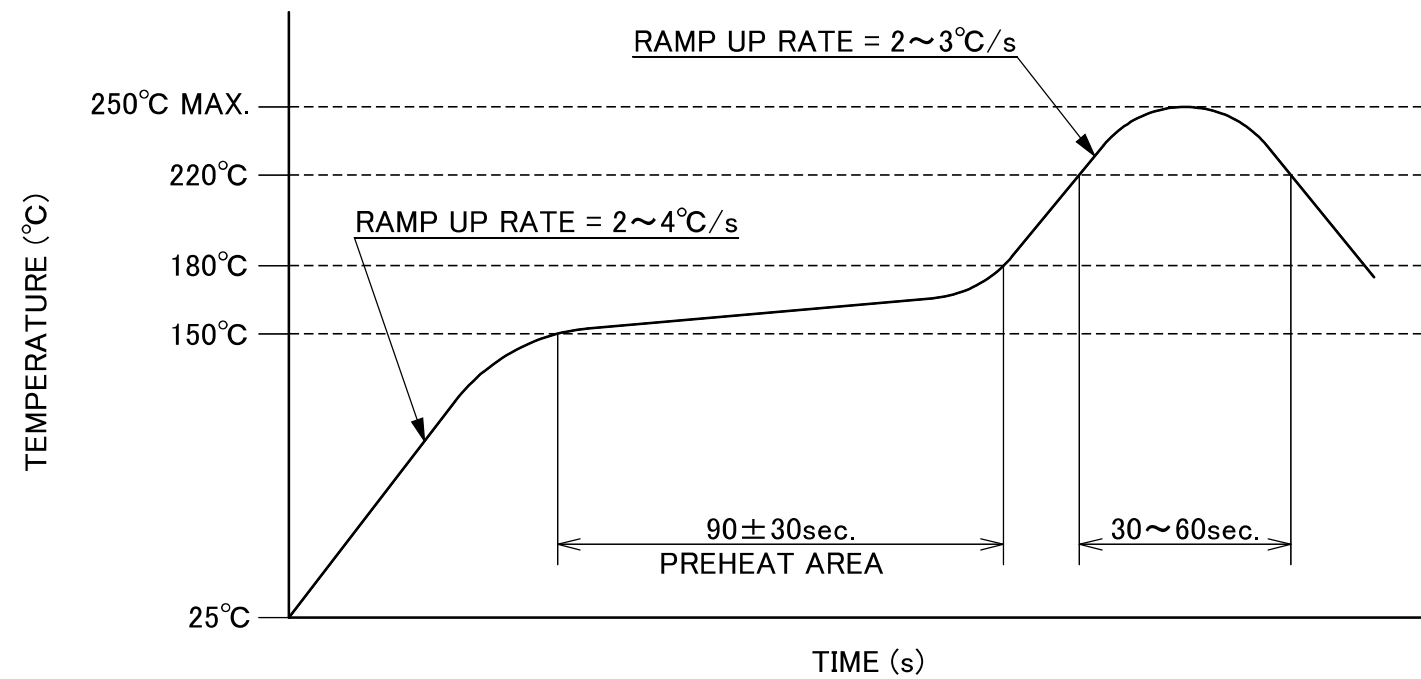
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R1	CUSTOMER COPY			
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5						
GENERAL TOLERANCE.				TITLE AP-10 PLUG 7.5mm		SCALE	I-PEX		
DWG.	DATE					5:1			
CHK.						UNIT			
APP.						mm			
				DWG. No. 3531		SIZE	SHEET	REV.	
							A3	2/4	6



RECOMMENDED FOOTPRINT PATTERN



RECOMMENDED METAL MASK

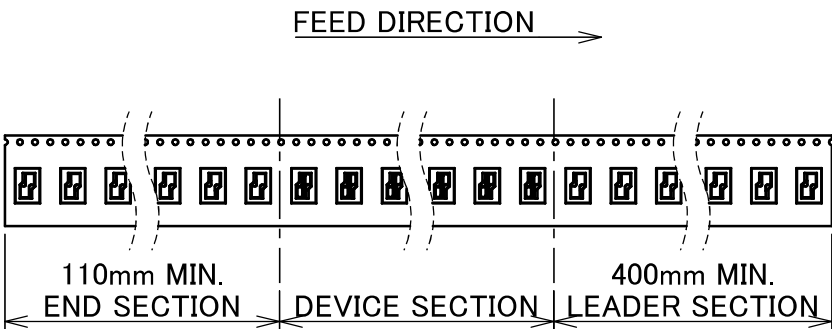
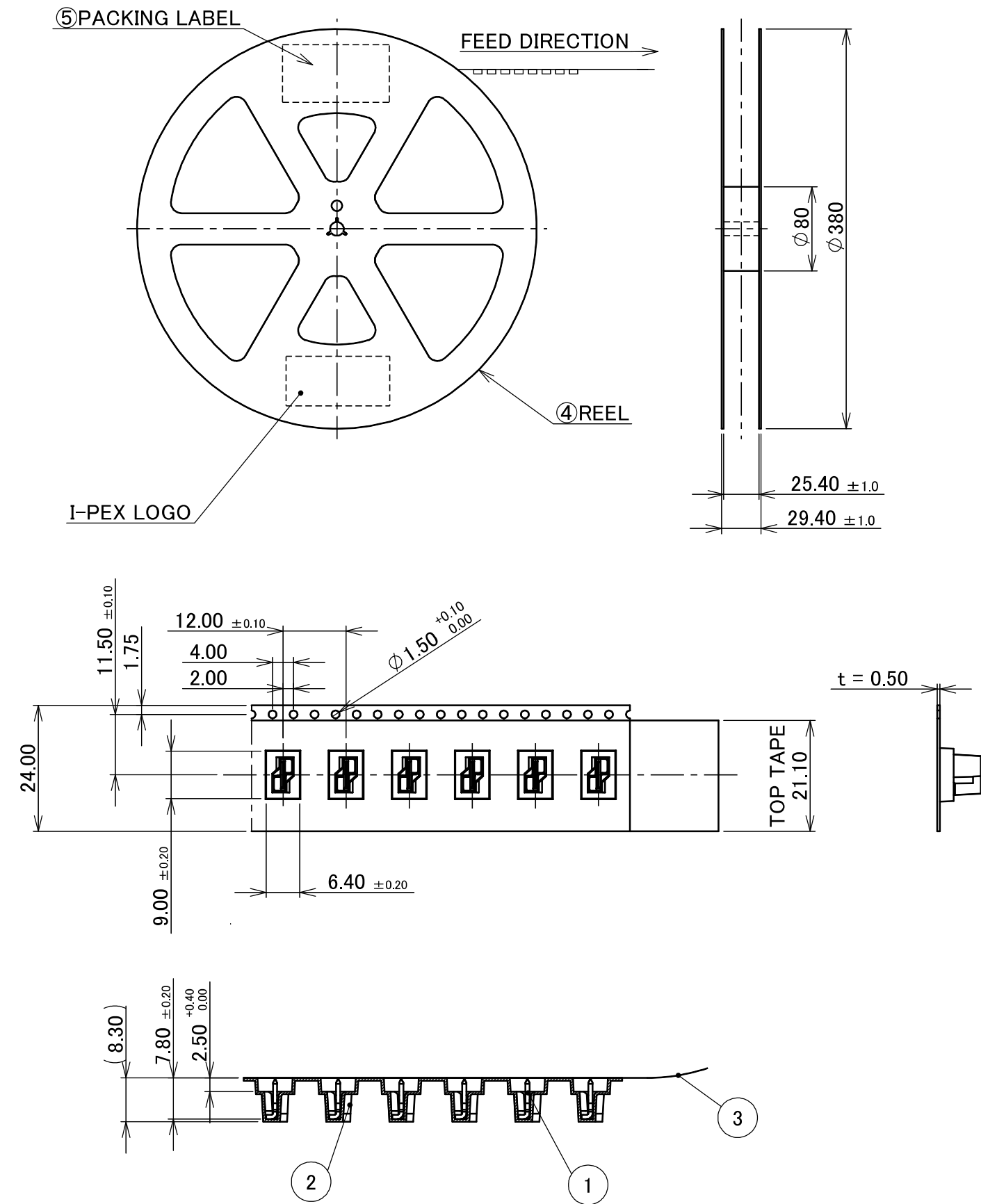


REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R1	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE AP-10 PLUG 7.5mm		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No. 3531		SIZE	SHEET	REV.
						A3	3/4	6

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

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- NOTES.
2. TAPING SPECIFICATION FOLLOWS JIS C 0806 (IEC 60286-3).
 3. MAKE EMPTY SECTION OF LEADER AND END ON EACH END OF THE TAPE.
 4. TOP TAPE SHALL NOT STICK OUT FROM EMBOSS TAPE.
 5. TOP TAPE SHALL NOT COVER FEED HOLE.

5	PACKING LABEL	-	-
4	REEL	PS	BLACK
3	TOP TAPE	PET	ANTI-STATIC TYPE
2	EMBOSS TAPE	PS	ANTI-STATIC TYPE
1	CONNECTOR	BRASS	Sn OVER Ni
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R1			
GENERAL TOLERANCE.				TITLE AP-10 PLUG 7.5mm		SCALE	I-PEX	
DWG.	DATE		5:1					
CHK.			UNIT					
APP.			mm					
				DWG. No.	3531	SIZE	SHEET	REV.
						A3	4/4	6