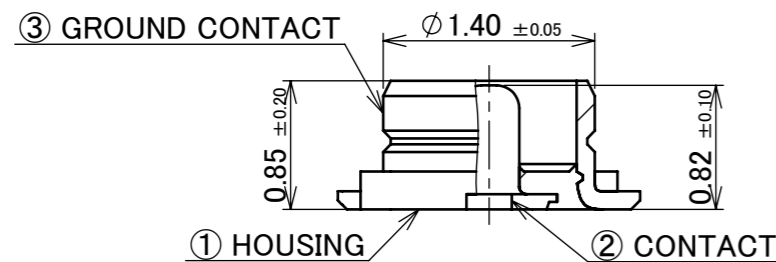
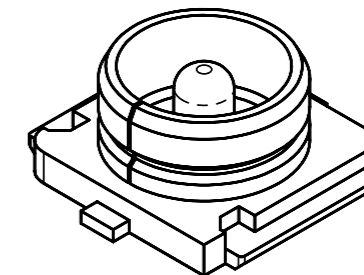
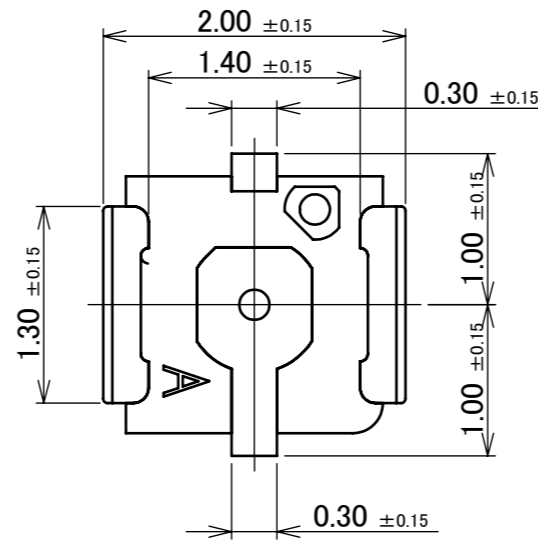
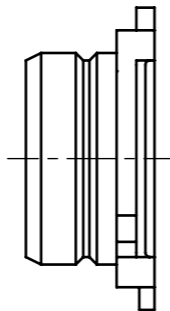
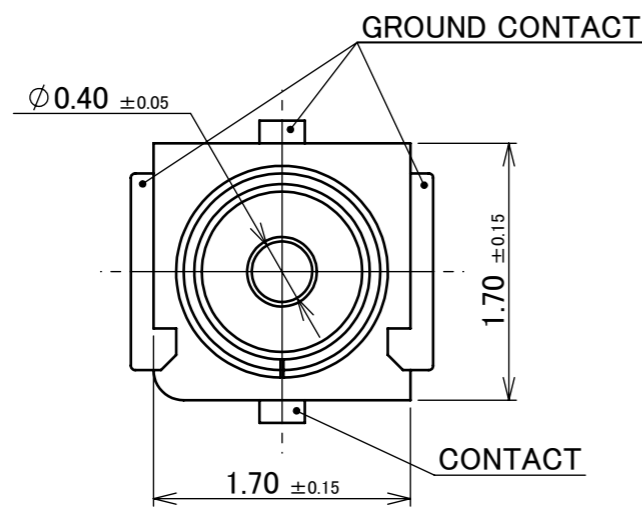
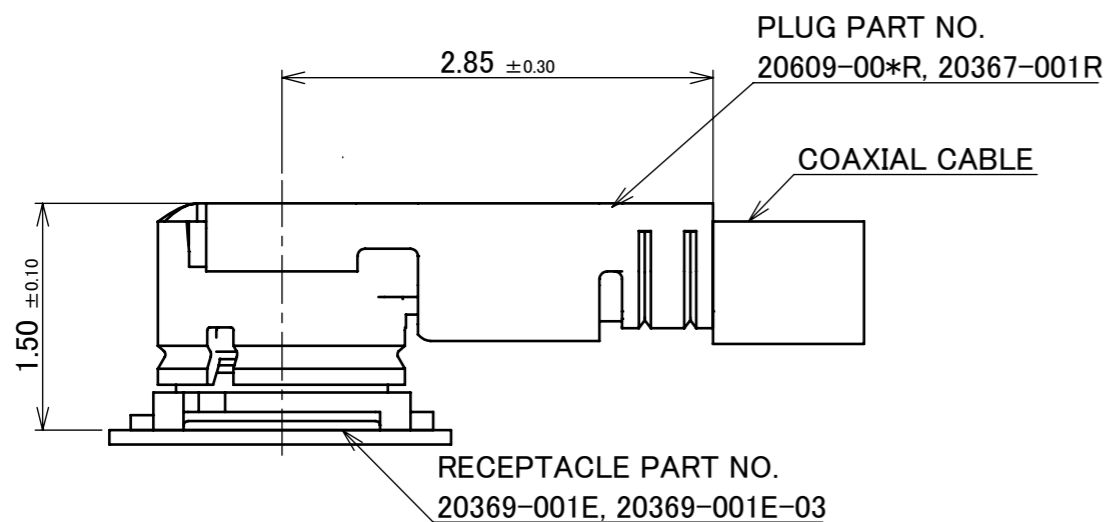


Recommended P/N 20369-001E-03

PART NO.	PACKING REEL	PACKING QUANTITY
20369-001E	CORRUGATED PAPER REEL	5,000/REEL
20369-001E-03	PLASTIC REEL	



NOTES.
 1. APPLICABLE CONNECTOR
 20609-00*R
 20367-001R
 2. COPLANARITY : 0.1MAX.

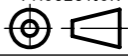


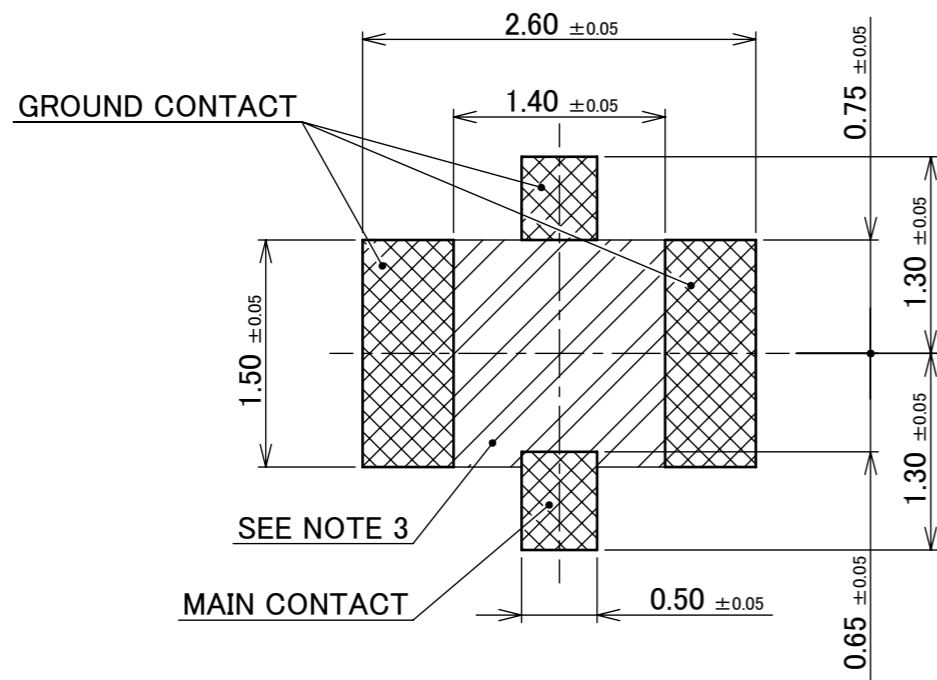
MATING CONDITION

3	GROUND CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μm MIN. CONTACT PART Au 0.03 μm MIN. SOLDERING PART Au 0.03 μm MIN.
2	CONTACT A	BRASS	ALL OVER Ni 1.00 μm MIN. CONTACT PART Au 0.1 μm MIN. SOLDERING PART Au 0.1 μm MIN.
1	HOUSING	LCP	UL94V-0, BLACK
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

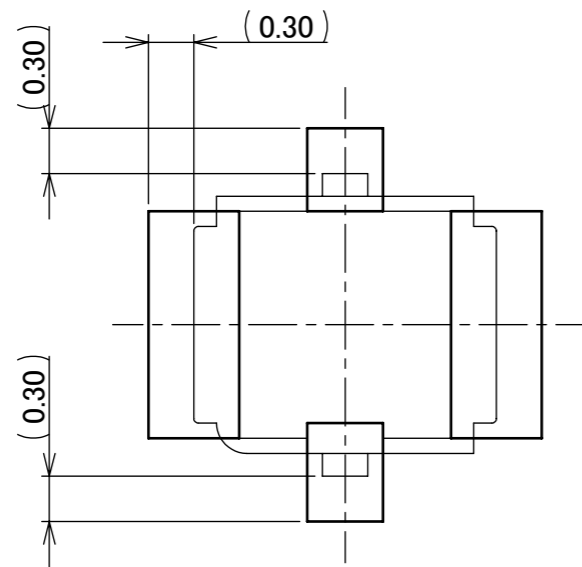
12	Z220702	TSU	2022/06/21	Y.H	ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R3	CUSTOMER COPY		
11	Z190703	R.S	2019/06/05	Y.S	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
10	Z181405	Y.I	2018/10/29	Ken	GENERAL TOLERANCE.			TITLE MHF® III RECEPTACLE	SCALE	I-PEX			
9	Z151259	S.T	2015/11/17	Ken	DWG.	T.Takano	DATE		2004/03/01		20:1		
8	Z150735	S.T	2015/06/29	Tom	CHK.	T.Harada			UNIT		mm		
7	Z12795	H.M	2012/11/08	Tom	APP.	K.Katabuchi			SIZE		A3		
REV.	ECN	BY	DATE	APP.	REVISION RECORD			DWG. No.	20369	SHEET	1/6	REV.	12

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	20609-002R
RATING VOLTAGE	60 V AC (R.M.S)
RATING FREQUENCY	DC ~ 9 GHz
OPERATING TEMPERATURE	233 ~ 363 K(-40°C ~ +90°C)
VSWR (MATED WITH SMA ADAPTER PART No. 90285-002)	1.30 MAX. AT 0.1~ 3GHz, 1.40 MAX. AT 3~6GHz, 1.60 MAX. AT 6~9GHz
MAIN CONTACT RESISTANCE	INITIAL : 20 mohm MAX. / AFTER TEST : \triangleleft R 20 mohm MAX.
GROUND CONTACT RESISTANCE	INITIAL : 20 mohm MAX. / AFTER TEST : \triangleleft R100 mohm MAX.
INSULATION RESISTANCE	INITIAL : 500 Mohm MIN. / AFTER TEST : 100 Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC 200 V 1 MINUTE
DURABILITY	30 CYCLES
TOTAL UNMATING FORCE (INITIAL / AFTER TEST)	INITIAL: 4 N MIN. / AFTER: 2 N MIN.
PRODUCT SPECIFICATION	PRS-2107
TEST REPORT	TR-15061
PACKING STANDARD	300-339
INSTRUCTION MANUAL	HIM-07002
APPEARANCE CRITERIA No.	QLS-A***

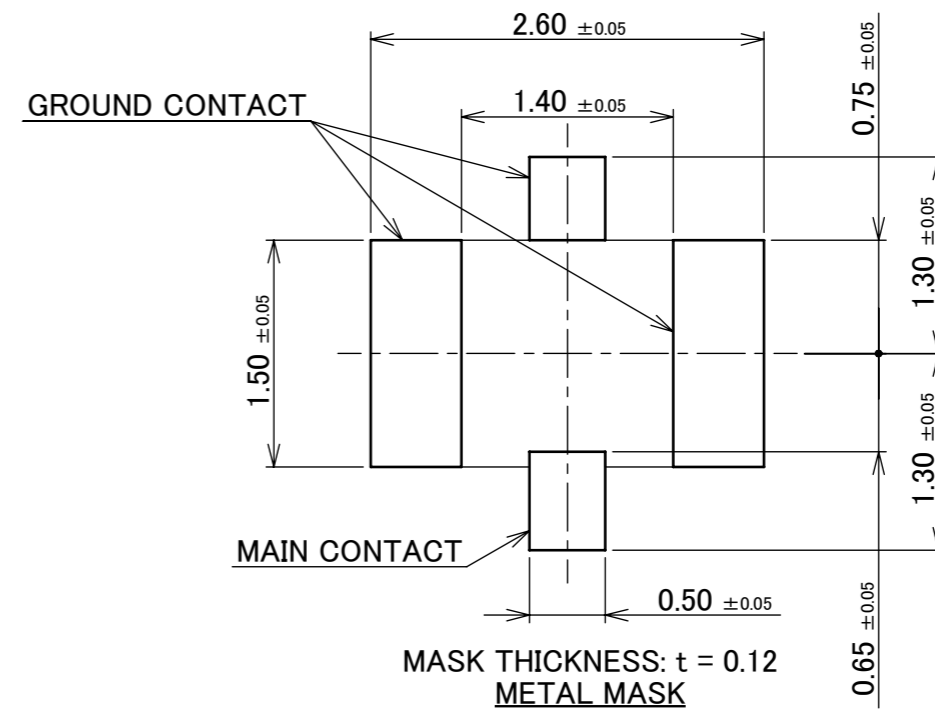
ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R3	CUSTOMER COPY		
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5					
GENERAL TOLERANCE.				TITLE MHF® III RECEPTACLE	SCALE -	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20369	SIZE A3	SHEET 2/6	REV. 12



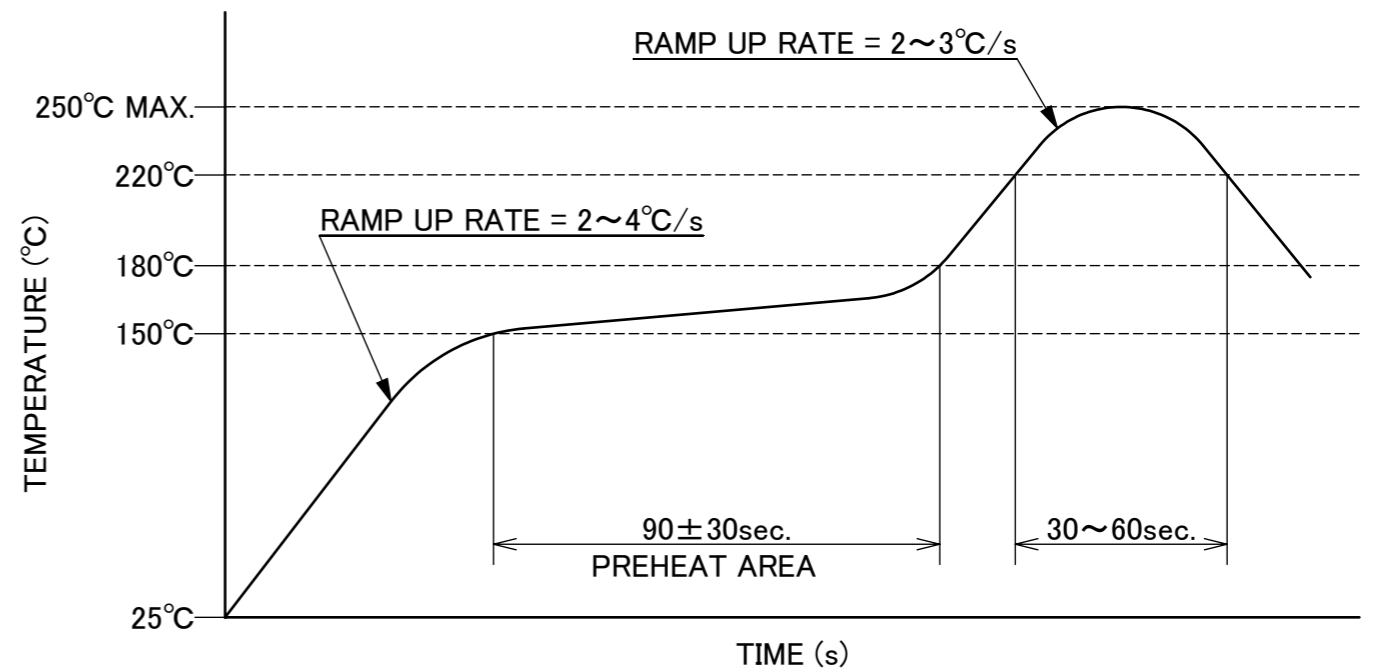
RECOMMENDED FOOTPRINT PATTERN



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



RECOMMENDED FOOTPRINT PATTERN

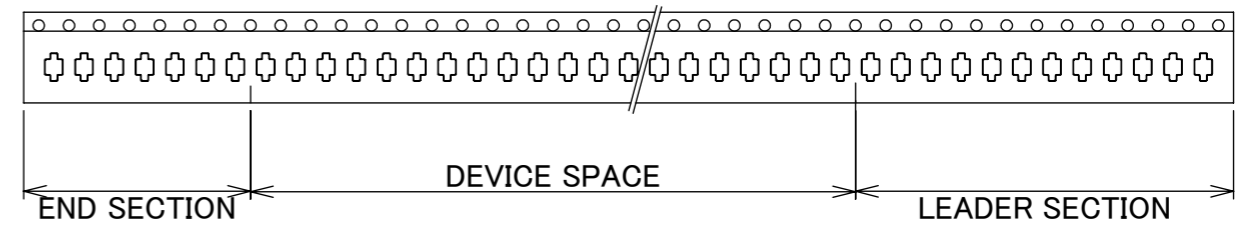
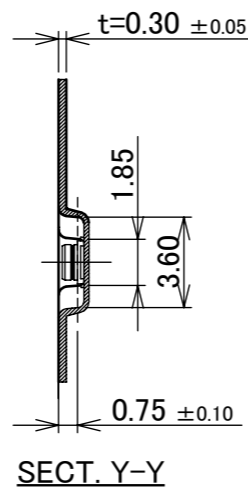
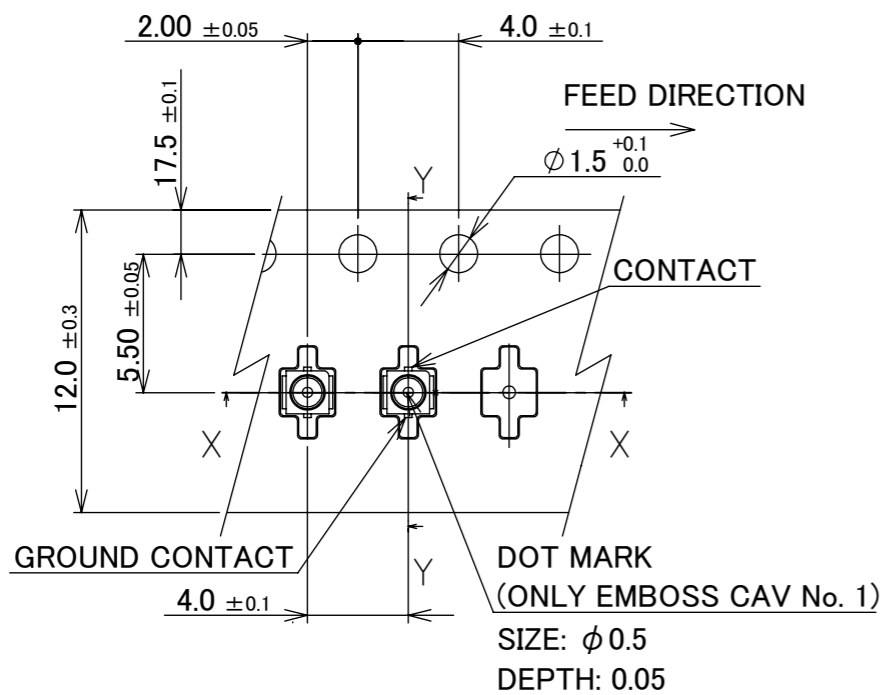
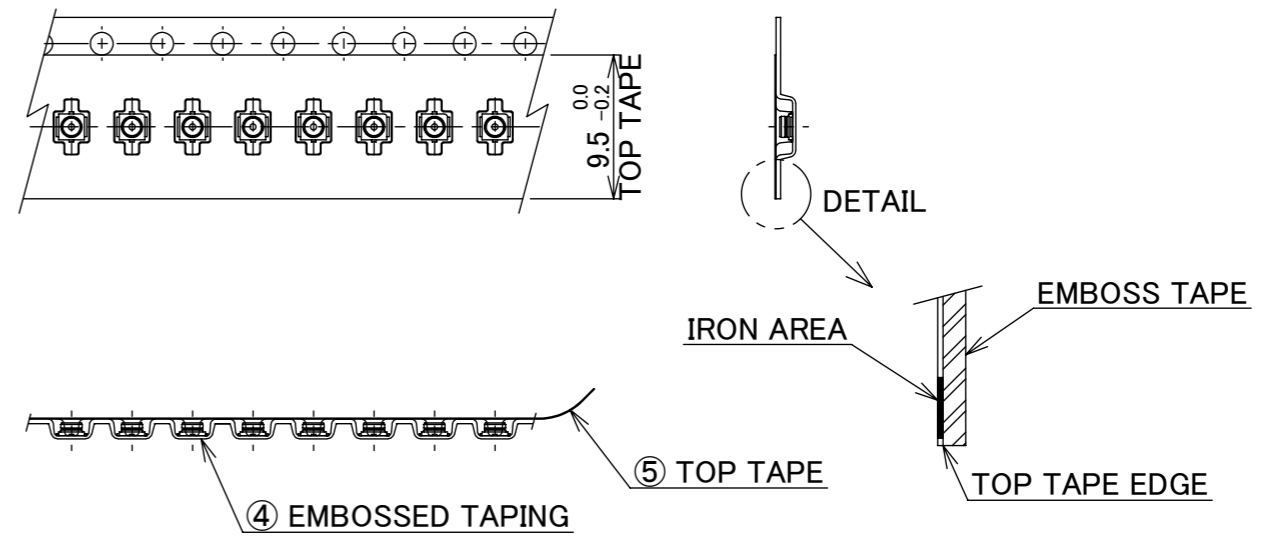
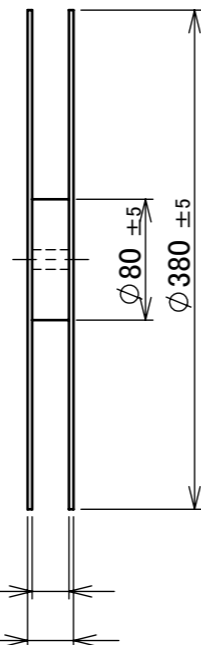
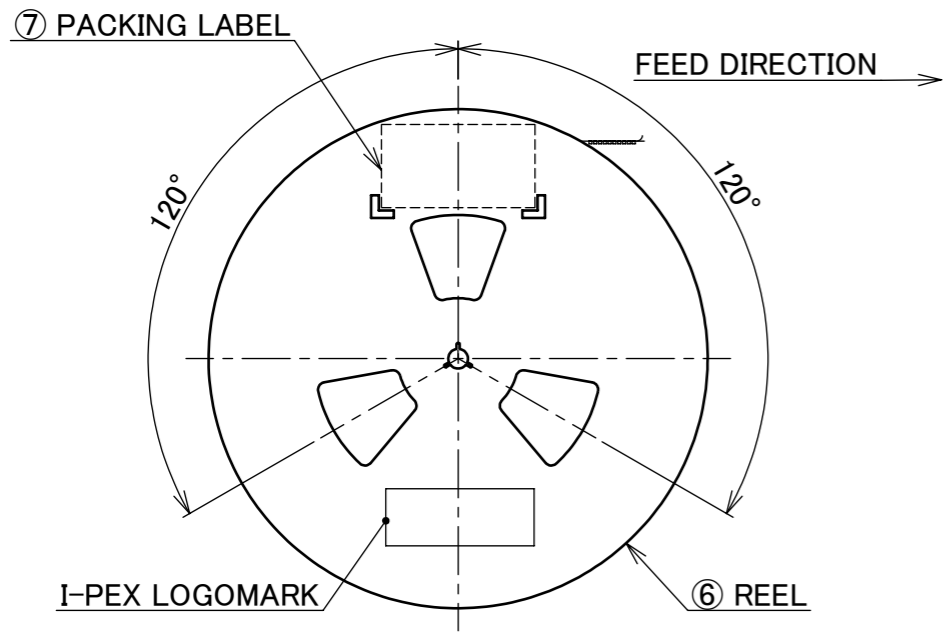


REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

NOTES
3. PATTERN AND RESISTPROHIBITION AREA

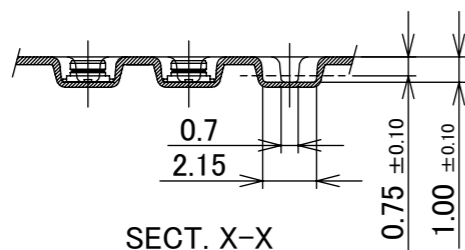
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R3	CUSTOMER COPY			
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5						
GENERAL TOLERANCE.				TITLE		SCALE	I-PEX		
DWG.	DATE			MHF® III RECEPTACLE		20:1			
CHK.						UNIT			
APP.				DWG. No. 20369		mm			
						SIZE	SHEET	REV.	
						A3	3/6	12	

PART NO.	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)	REEL
20369-001E	5,000 PIECES / REEL	8 REELS / CARTON = 40,000 PIECES	CORRUGATED PAPER



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

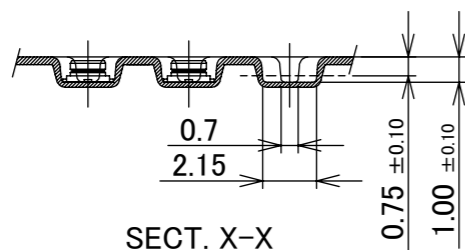
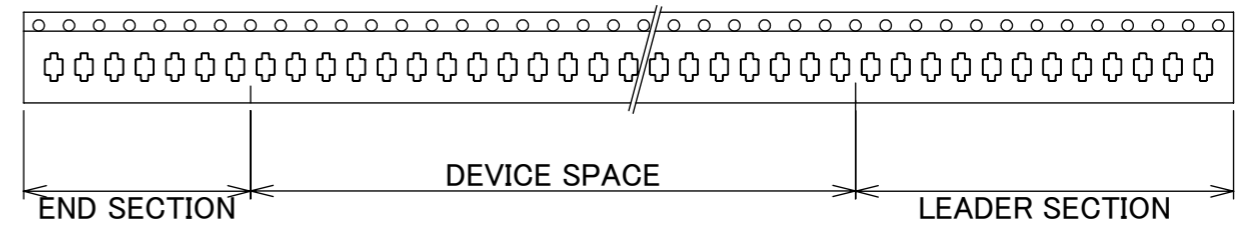
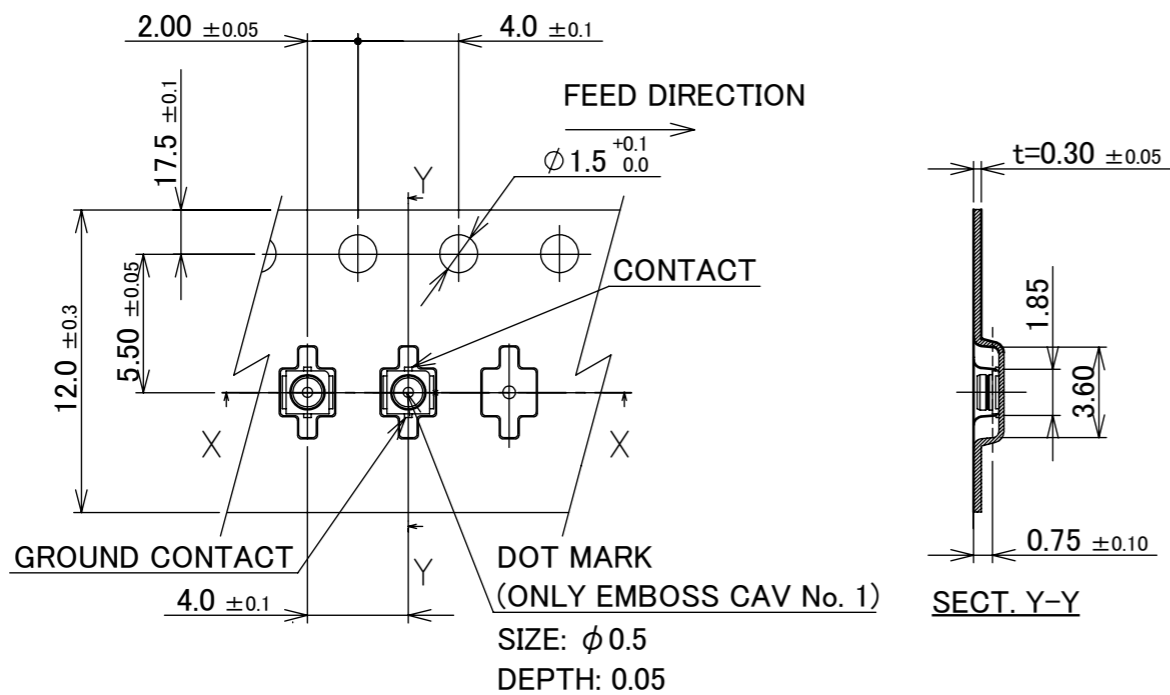
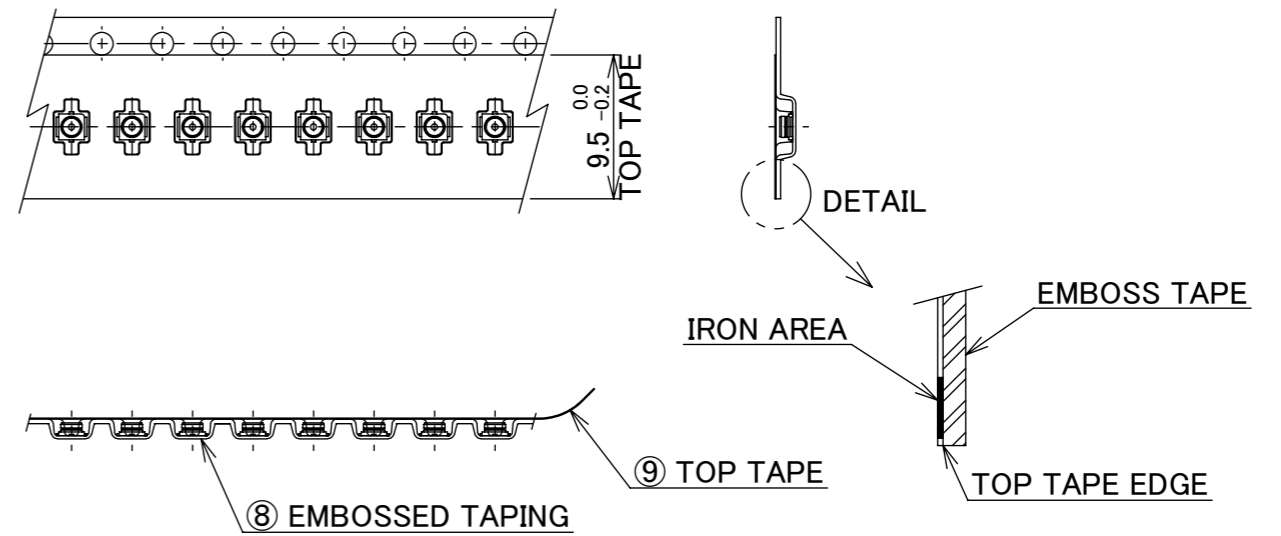
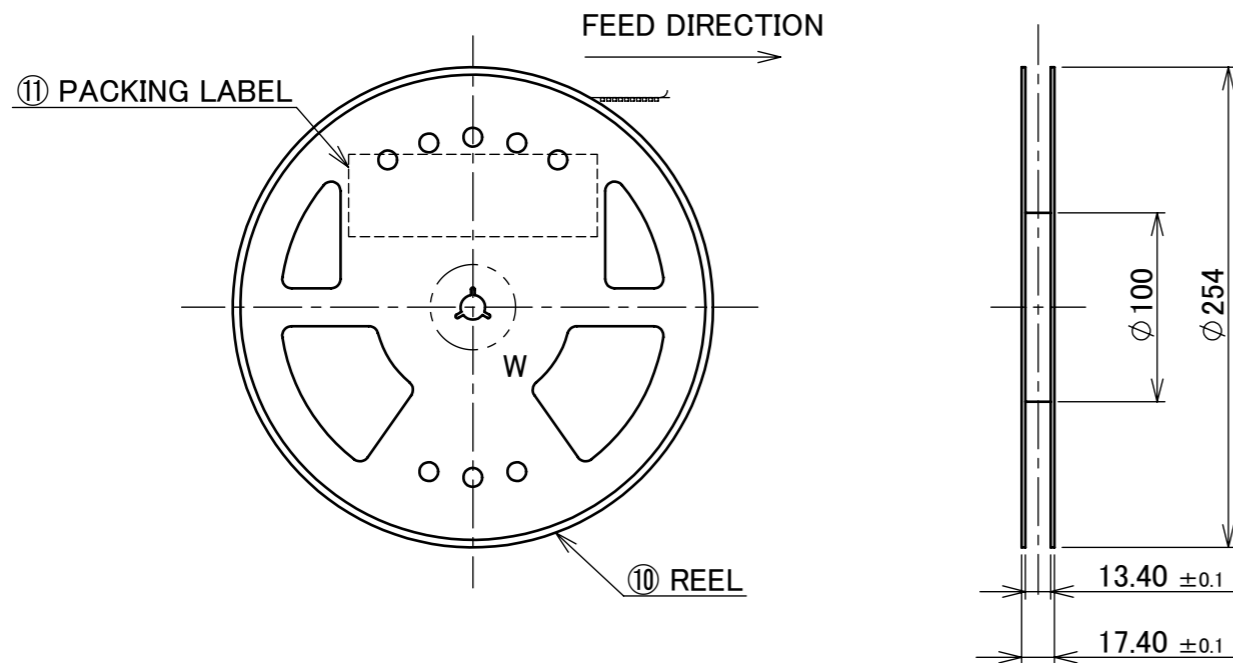
- NOTES
- ACCUMULATED PITCH OF FEED HOLE ± 0.2 mm AT 10 PITCH.
 - DRAFT ANGLE OF EMBOSS TAPE 5° MAX.
 - THE INSIDE R0.15 MAX.



7	PACKING LABEL	-	-
6	REEL	CORRUGATED PAPER	-
5	TOP TAPE	PET t=0.048	ANTI-STATIC TYPE
4	EMBOSS TAPE	PS t=0.3	-
NO.	DESCRIPTION	MATERIAL	FINISH, REMARKS

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R3	CUSTOMER COPY		
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5					
GENERAL TOLERANCE.				TITLE MHF [®] III RECEPTACLE	SCALE -	I-PEX		
DWG.	DATE							
CHK.								
APP.								
DWG. No. 20369				SIZE A3	SHEET 4/6	REV. 12		

PART NO.	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)	REEL
20369-001E-03	5,000 PIECES / REEL	8 REELS / CARTON = 40,000 PIECES	PLASTIC REEL



- NOTES
- ACCUMULATED PITCH OF FEED HOLE ± 0.2 mm AT 10 PITCH.
 - DRAFT ANGLE OF EMBOSS TAPE 5° MAX.
 - THE INSIDE R0.15 MAX.

NOTES.

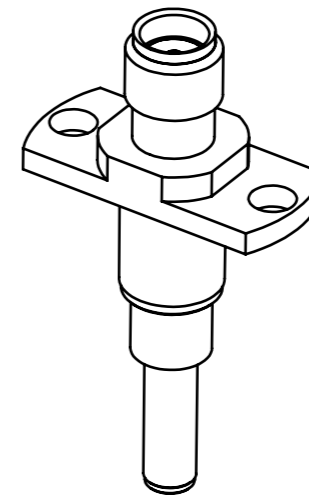
- TAPING SPECIFICATION FOLLOWS JIS C 0806 (IEC 60286-3).
- MAKE EMPTY SECTION OF LEADER AND END ON EACH END OF THE TAPE.
- TOP TAPE SHALL NOT STICK OUT FROM EMBOSS TAPE.
- TOP TAPE SHALL NOT COVER FEED HOLE.

NO.	DESCRIPTION	MATERIAL	FINISH, REMARKS
11	PACKING LABEL	-	-
10	REEL	PS, WHITE	-
9	TOP TAPE	PET $t=0.048$ TRANSPARENCY	ANTI-STATIC TYPE
8	EMBOSS TAPE	PS $t=0.3$ TRANSPARENCY	ANTI-STATIC TYPE

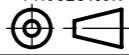
ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5		R3	I-PEX		
GENERAL TOLERANCE.				TITLE	SCALE		REV.	
DWG.	DATE			MHF [®] III RECEPTACLE	-		12	
CHK.					UNIT		5/6	
APP.				DWG. No.	20369	SIZE		A3



MHF III SMA ADAPTER
PART NO. 90285-002



MHF III SMA ADAPTER HIGH CYCLE TYPE
PART NO. 90491-001

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R3	CUSTOMER COPY		
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5					
GENERAL TOLERANCE.				TITLE MHF [®] III RECEPTACLE	SCALE 2:1	UNIT I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20369	SIZE A3	SHEET 6/6	REV. 12