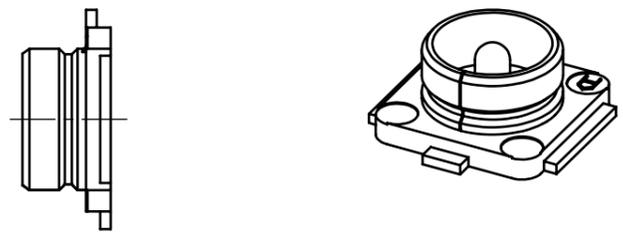
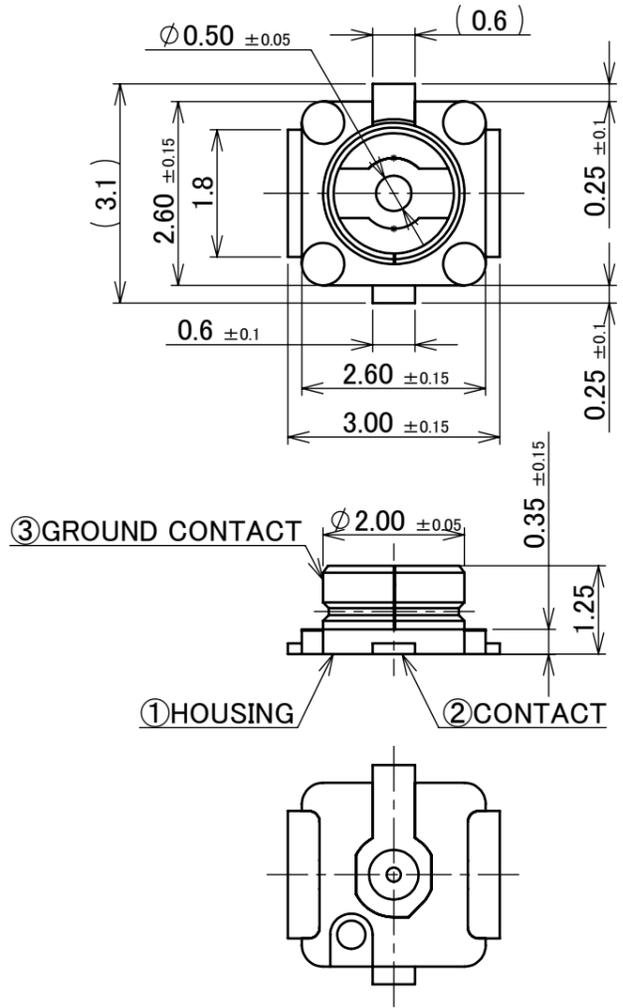


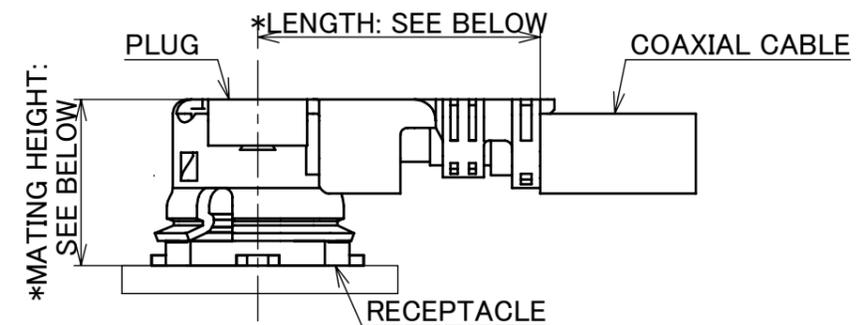
Recommended P/N 20279-001E-03

PART NO.	PACKING REEL	QUANTITY IN 1 REEL
20279-001E-01	PLASTIC REEL	2,500
	CORRUGATED PAPER REEL	2,500
20279-001E-03	PLASTIC REEL	5,000
20279-001E-05	PLASTIC REEL	10,000



NOTES

1. APPLICABLE CONNECTOR PART NO.  
 MHF I PLUG  
 20278-11\*R-\*\*  
 20351-\*\*\*R-37  
 20631-\*\*\*R-\*\*  
 20670-001R-\*\*  
 20767-001R-20  
 MHF II PLUG  
 20311-011R-\*\*  
 20686-001R-08
2. COPLANARITY: 0.1mm MAX.
3. THIS IS "Pb-FREE" CONNECTOR.



\*LENGTH: 4.0±0.4 AT PLUG PART NO. 20670-001R-08, 20670-001R-13, 20670-001R-32  
 4.7±0.4 AT PLUG PART NO. 20670-001R-18, 20670-001R-37  
 5.6 AT PLUG PART NO. 20767-001R-20 (REFERENCE DIMENSION)  
 3.8±0.3 AT PLUG PART NO. 20686-001R-08, 20311-011R-\*\*  
 \*MATING HEIGHT: 2.5 MAX. AT PLUG PART NO. 20670-001R-\*\*  
 3.0 MAX. AT PLUG PART NO. 20767-001R-20  
 2.0±0.1 AT PLUG PART NO. 20686-001R-08, 20311-011R-\*\*  
**MATING CONDITION**

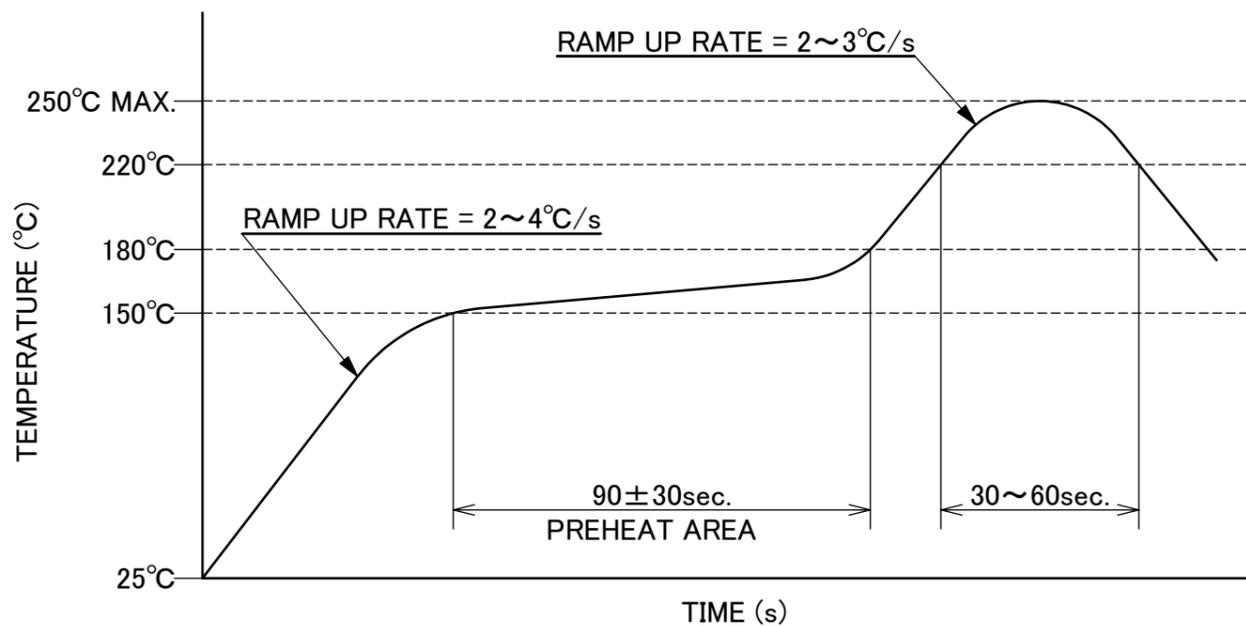
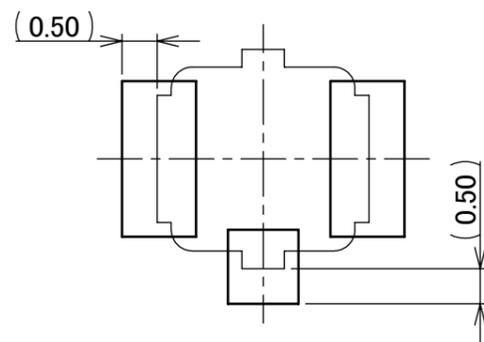
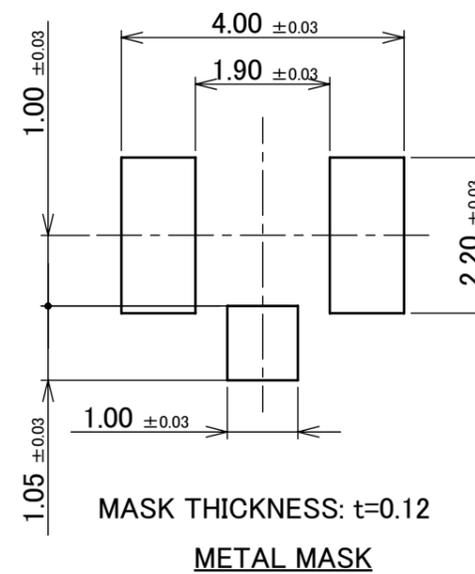
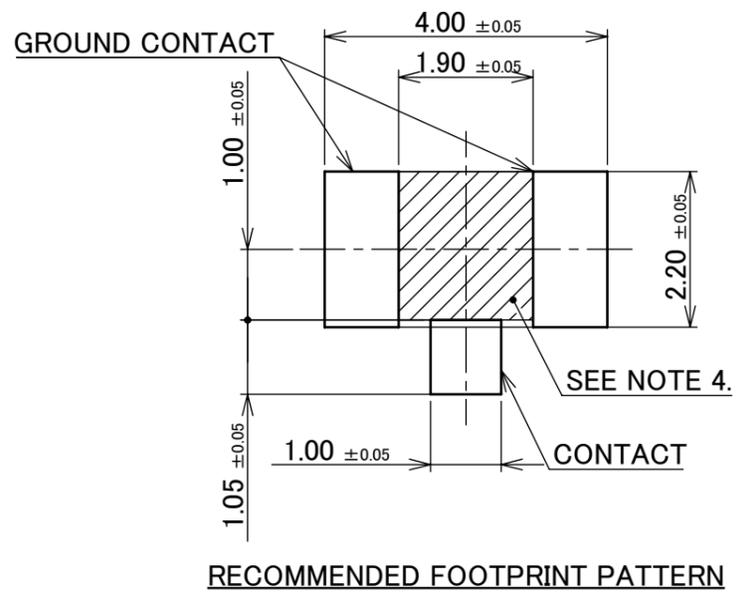
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
3	GROUND CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μm MIN. CONTACT PART Au 0.05 μm MIN. SOLDERING PART Au 0.05 μm MIN.
2	CONTACT	BRASS	ALL OVER Ni 1.00 μm MIN. CONTACT PART Au 0.10 μm MIN. SOLDERING PART Au 0.03 μm MIN.
1	HOUSING	LCP	UL94V-0, WHITE

REV.	ECN	BY	DATE	APP.	APP.	DATE	DWG. No.	20279	SIZE	A3	SHEET	1/7	REV.	26		
26	Z200434	TOI	2020/04/20	Y.H	ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	R9	CUSTOMER COPY	SCALE	10:1		
25	Z200262	TOI	2020/03/05	Y.H	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5								
24	Z191405	Y.F	2019/10/23	Y.S	GENERAL TOLERANCE.			TITLE	MHF® I/II RECEPTACLE	UNIT	mm	I-PEX				
23	Z181523	M.N	2018/11/20	Ken	DWG.	K.Oobayashi	DATE						2001/06/07			
22	Z180765	M.N	2018/10/30	Ken	CHK.	E.Kawabe	DATE						2001/06/07			
21	Z171163	M.N	2017/10/10	Ken	APP.	K.Katabuchi	DATE	2001/06/07	DWG. No.	20279	SIZE	A3	SHEET	1/7	REV.	26
REVISION RECORD																

ITEMS	SPECIFICATION		
RECOMMENDED APPLICABLE CONNECTOR PART NO.	20670-001R-** (MHF I PLUG Ni TOP 1.80, 1.37, 1.32, 1.13, 0.81)	20767-001R-20 (MHF I PLUG 2.00)	20686-001R-08 (MHF II PLUG Ni TOP 0.81)
RATING VOLTAGE	60 V AC (R.M.S)		
RATING FREQUENCY	DC~9GHz		
OPERATING TEMPERATURE	233~363K (-40°C~+90°C)		
VSWR	RECEPTACLE: 1.3 MAX. AT 0.1~3 GHz, 1.4 MAX. AT 3~6 GHz, 1.8 MAX. AT 6~9 GHz		
MAIN CONTACT RESISTANCE	INITIAL: 20 mohm MAX. / AFTER TEST: $\Delta$ R 20 mohm MAX.		
GROUND CONTACT RESISTANCE	INITIAL: 20 mohm MAX. / AFTER TEST: $\Delta$ R 100 mohm MAX.		
INSULATION RESISTANCE	INITIAL: 500 Mohm MIN. / AFTER TEST: 100 Mohm MIN.		
DIELECTRIC WITHSTANDING VOLTAGE	200 V AC, 1 MINUTE		
DURABILITY	30 CYCLES		
UNMATING FORCE (INITIAL / AFTER TEST)	INITIAL: 5 N MIN. AFTER TEST: 3 N MIN.		INITIAL: 4 N MIN. AFTER TEST: 2 N MIN.
PRODUCT SPECIFICATION	PRS-2105	PRS-2490	PRS-2106
TEST REPORT	TR-15059	TR-18041	TR-15060
PACKING STANDARD	20279-001E-01: 300-232 (CORRUGATED PAPER REEL) PST-12002 (ANTI-STATIC PLASTIC REEL) 20279-001E-03: 300-850 20279-001E-05: PST-13040		
INSTRUCTION MANUAL	HIM-10002		HIM-12010
APPEARANCE CRITERIA No.	QLS-A***		

※UNLESS OTHERWISE SPECIFIED, 20279-001E-01 WILL DERIVED IN CORRUGATED PAPER REELS.  
CONTACT YOUR I-PEX SALES IF YOU WISH FOR PLASTIC REELS.

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	$\pm 0.3$	PROJECTION 	SERIES No. R9	CUSTOMER COPY
6 MAX.	$\pm 0.2$	30 OVER 120 MAX.	$\pm 0.5$			
GENERAL TOLERANCE.				TITLE MHF® I/II RECEPTACLE	SCALE 10:1	UNIT mm
DWG.	DATE					
CHK.						
APP.						
				DWG. No.	20279	SIZE A3
				SHEET	2/7	REV. 26



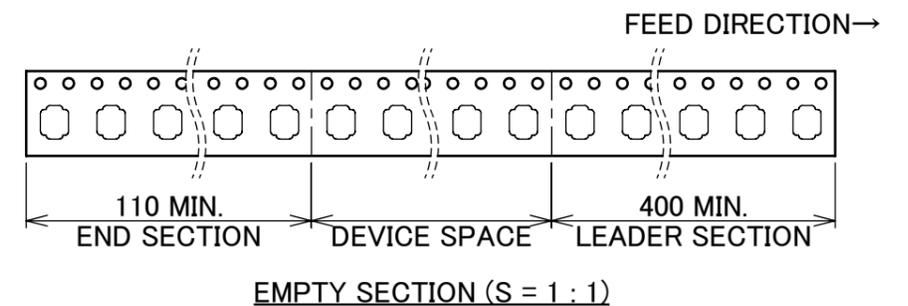
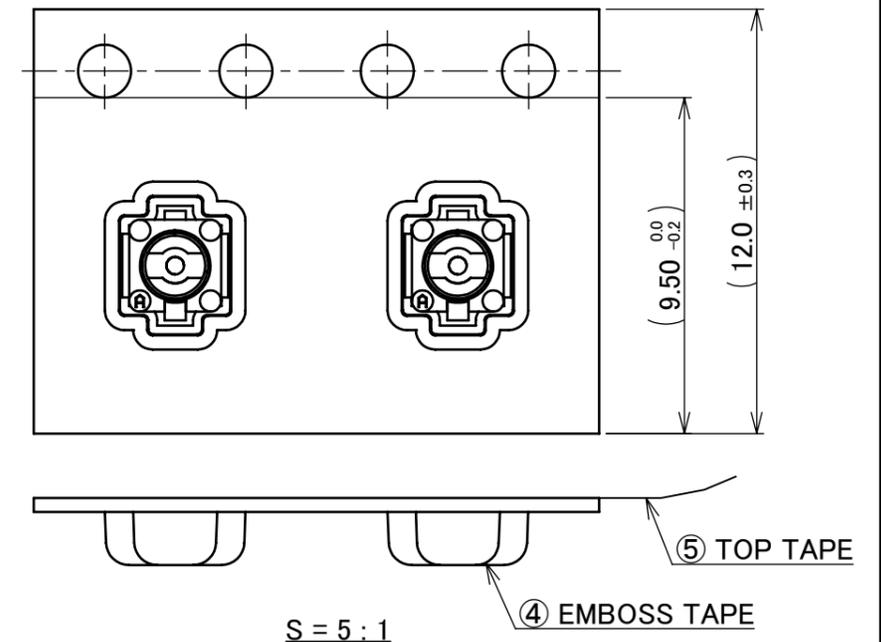
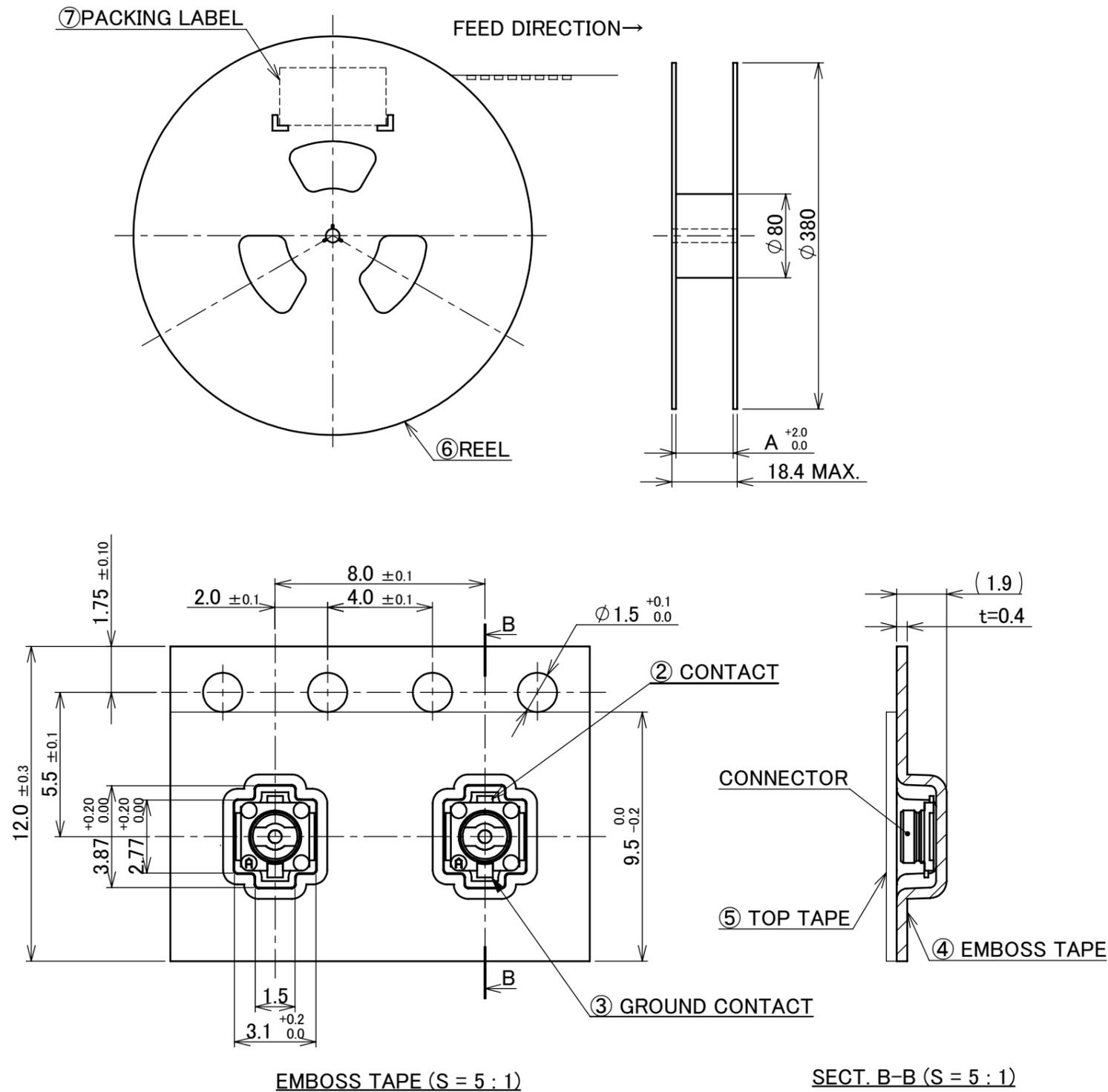
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

NOTES.  
4. CUT OUT PROHIBITION AREA

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R9	CUSTOMER COPY	
	6 MAX.	±0.2	30 OVER 120 MAX.				
GENERAL TOLERANCE.				TITLE		SCALE	I-PEX
DWG.	DATE			MHF® I/II RECEPTACLE		10:1	
CHK.						UNIT	
APP.				DWG. No. 20279		mm	
						SIZE	SHEET 3/7 REV. 26
						A3	

PART NO.	A	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20279-001E-01	12.4	2,500 / REEL	8 REELS / CARTON = 20,000 PIECES

※UNLESS OTHERWISE SPECIFIED, 20279-001E-01 WILL DERIVED IN CORRUGATED PAPER REELS.  
CONTACT YOUR I-PEX SALES IF YOU WISH FOR PLASTIC REELS.



NOTES.

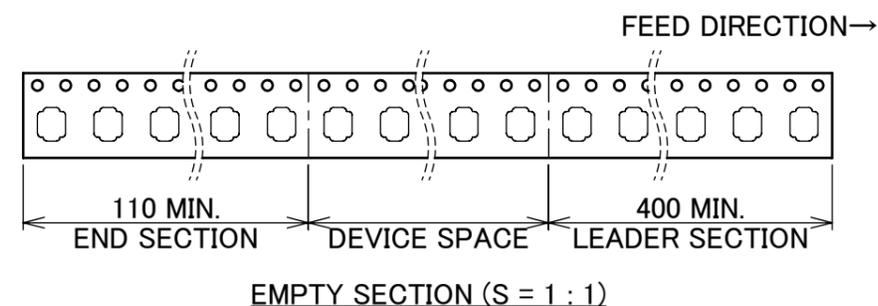
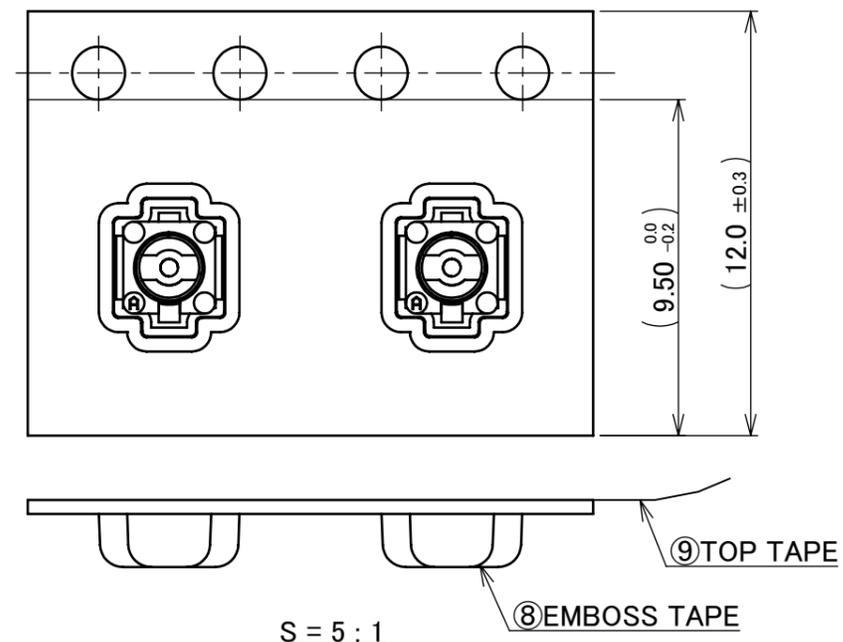
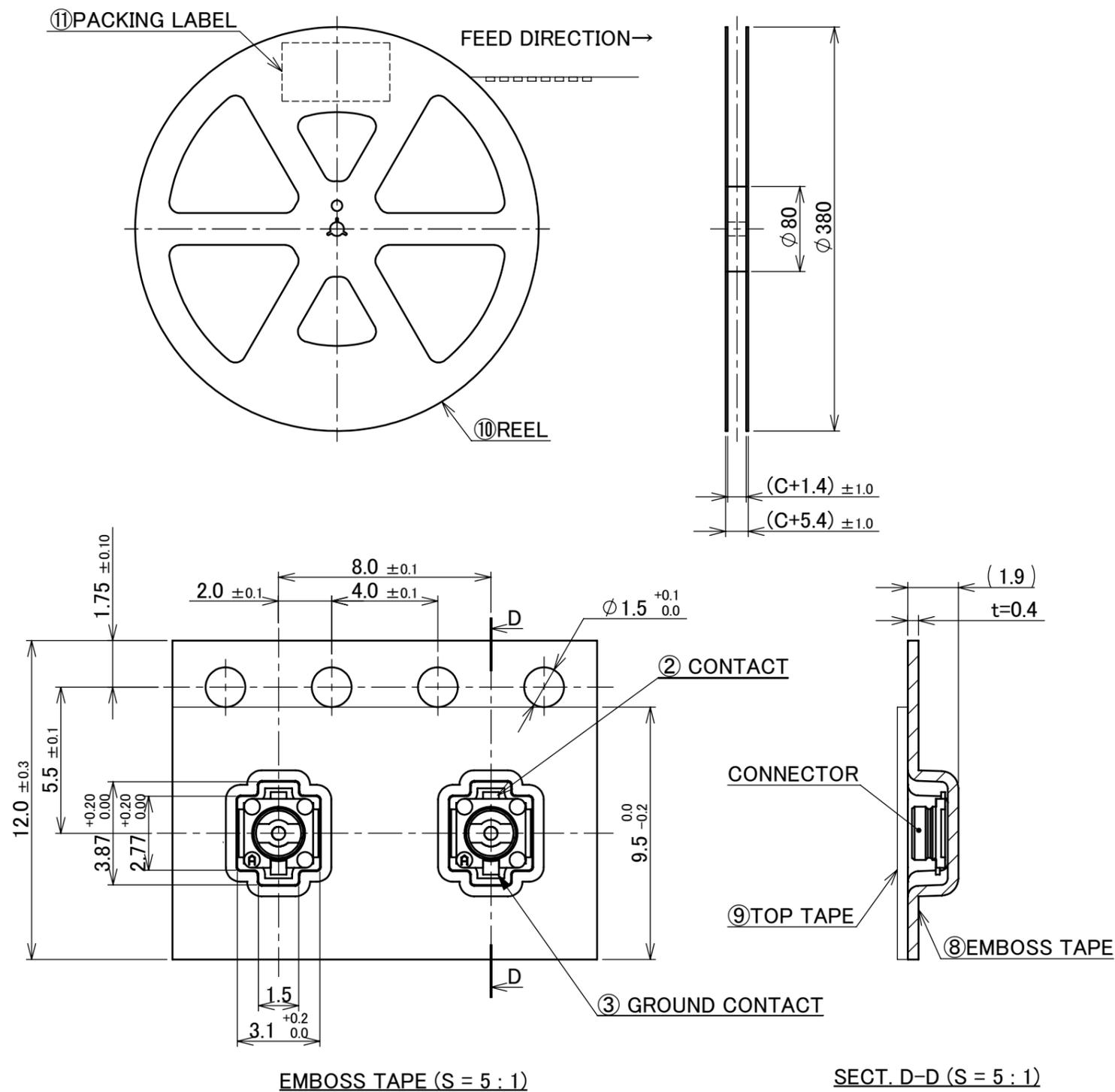
- TAPING SPECIFICATION FOLLOWS JIS C 0806 (IEC 60286-3).
- MAKE EMPTY SECTION OF LEADER AND END ON EACH END OF THE TAPE.
- TOP TAPE SHALL NOT STICK OUT FROM EMBOSS TAPING.
- TOP TAPE SHALL NOT COVER FEED HOLE.

NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
7	PACKING LABEL	-	-
6	REEL	CORRUGATED PAPER	-
5	TOP TAPE	PET t=0.075	-
4	EMBOSS TAPE	PP t=0.4	-

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ①	SERIES No. R9	CUSTOMER COPY
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5			
GENERAL TOLERANCE.				TITLE MHF® I/II RECEPTACLE	SCALE 10:1	UNIT mm
DWG.	DATE					
CHK.						
APP.						
				DWG. No.	20279	SIZE A3
				SHEET 4/7		REV. 26

PART NO.	C	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20279-001E-01	12.0	2,500 / REEL	8 REELS / CARTON = 20,000 PIECES
20279-001E-03		5,000 / REEL	8 REELS / CARTON = 40,000 PIECES

※UNLESS OTHERWISE SPECIFIED, 20279-001E-01 WILL DERIVED IN CORRUGATED PAPER REELS.  
CONTACT YOUR I-PEX SALES IF YOU WISH FOR PLASTIC REELS.



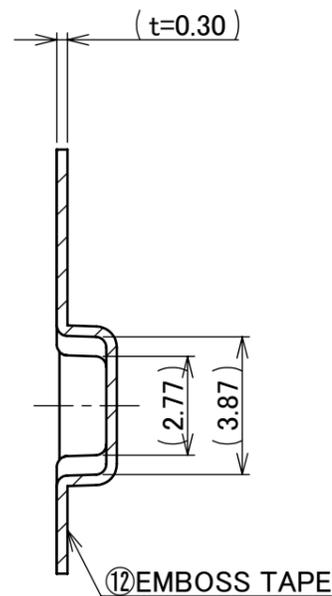
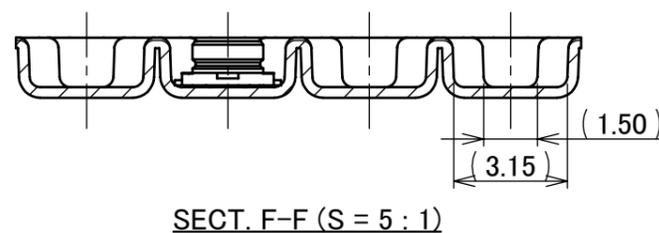
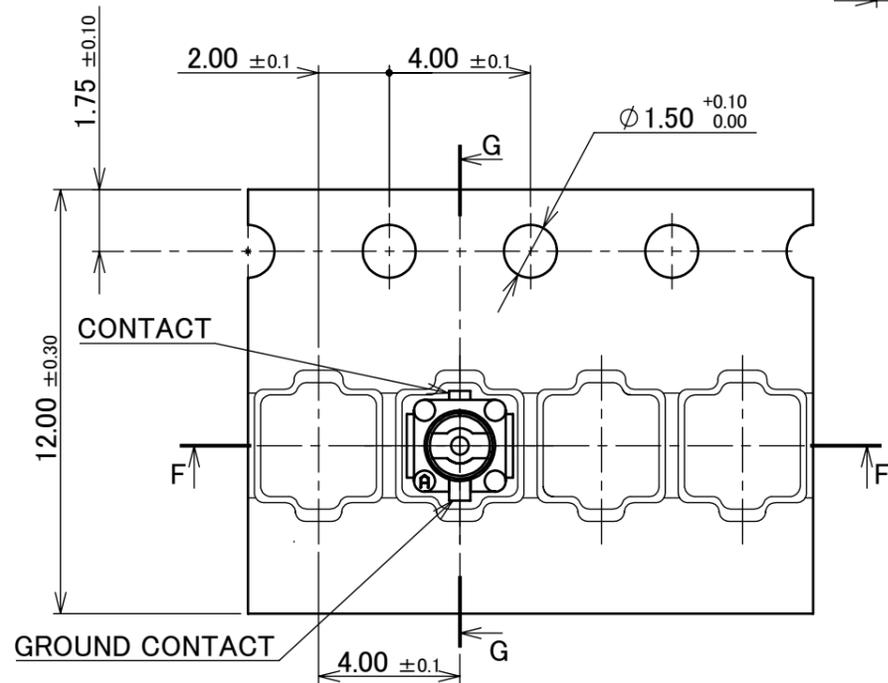
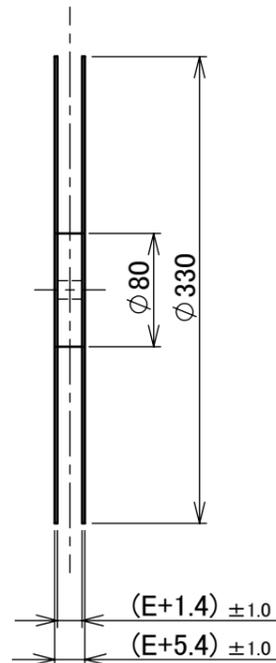
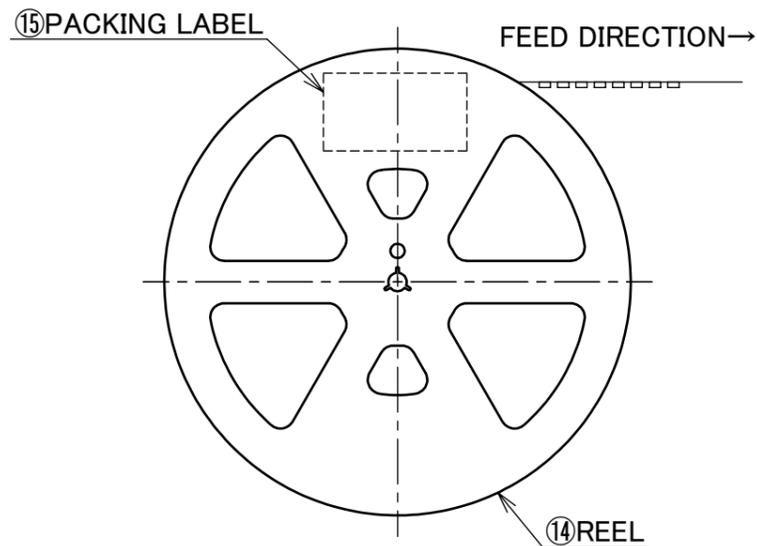
NOTES.

- 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 EMBOSSED TAPING.
- TOP TAPE SHALL NOT COVER FEED HOLE.

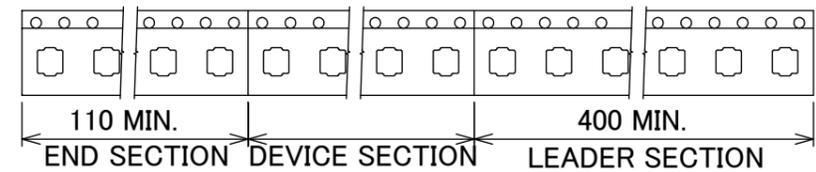
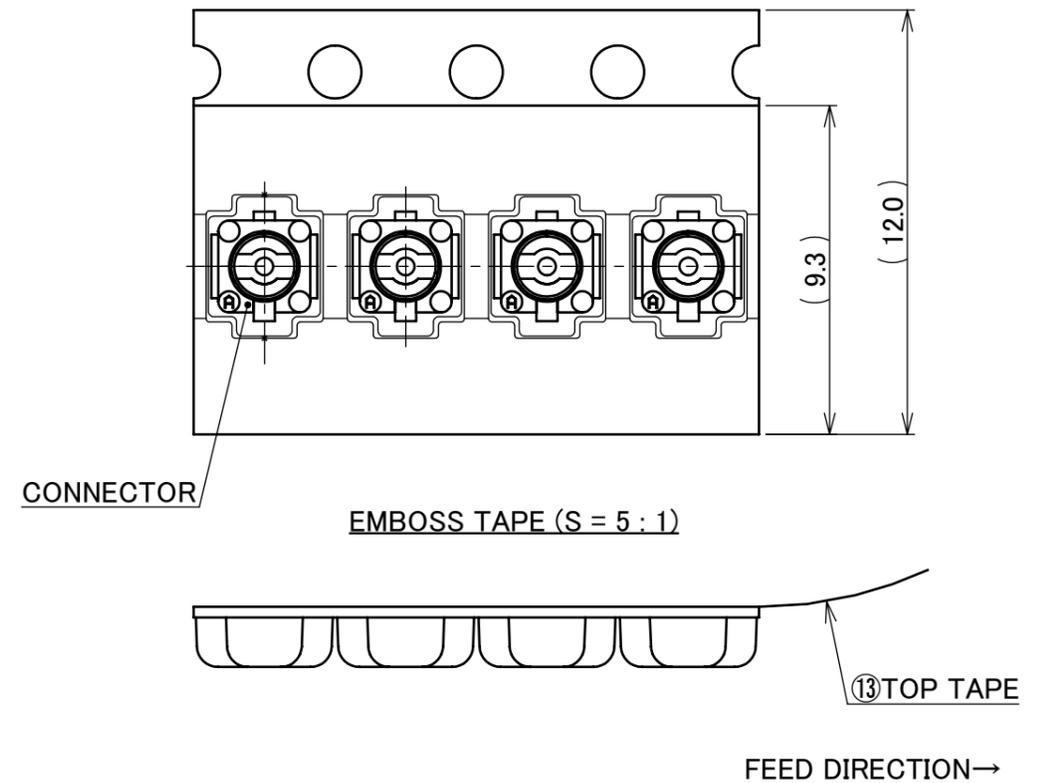
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
11	PACKING LABEL	-	-
10	REEL	PS ESD SAFE TYPE	-
9	TOP TAPE	PET t=0.075	-
8	EMBOS TAPE	PP t=0.4	-

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	$\pm 0.3$	PROJECTION	SERIES No.	CUSTOMER COPY
6 MAX.	$\pm 0.2$	30 OVER 120 MAX.	$\pm 0.5$		R9	
GENERAL TOLERANCE.				TITLE	SCALE	I-PEX
DWG.	DATE		MHF® I/II RECEPTACLE	10:1		
CHK.				UNIT		
APP.				mm		
				DWG. No.	SIZE	SHEET 5/7 REV. 26
				20279	A3	

PART NO.	E	QUANTITY PER EMBOSS REEL (PIECES / REEL)	QUANTITY PER PACKING CARTON (REELS / CARTON)
20279-001E-05	12.0	10,000 / REEL	8 REELS / CARTON = 80,000 PIECES



SECT. G-G (S = 5 : 1)



EMPTY SECTION (S = 1 : 1)

NOTES.

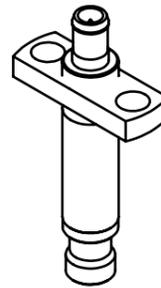
13. TAPING SPECIFICATION FOLLOWS JIS C 0806 (IEC 60286-3).
14. MAKE EMPTY SECTION OF LEADER AND END ON EACH END OF THE TAPE.
15. TOP TAPE SHALL NOT STICK OUT FROM EMBOSSED TAPING.
16. TOP TAPE SHALL NOT COVER FEED HOLE.

NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
15	PACKING LABEL	-	-
14	REEL	PS	ANTI-STATIC TYPE
13	TOP TAPE	PET	ANTI-STATIC TYPE HEAT ACTIVATED COVER
12	EMBOSS TAPE	PS	ANTI-STATIC TYPE

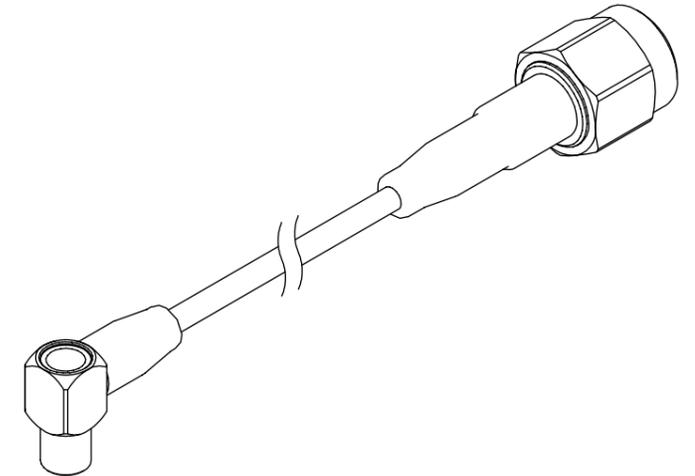
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R9	
GENERAL TOLERANCE.				TITLE	SCALE	I-PEX
DWG.	DATE			MHF® I/II RECEPTACLE	10:1	
CHK.					UNIT	
APP.				DWG. No.	mm	
					SIZE	SHEET 6/7 REV. 26
					A3	



MHF I/II SMA ADAPTOR  
PART NO. 90193-002



4.5MM HIGH CYCLE TEST PROBE FOR MHF/MHF A  
PART NO. 90575-0001



4.5MM HIGH CYCLE TEST PROBE CABLE ASS'Y  
PART NO. 90577-\*\*\*\*

\* 90575-0001 AND 90577-\*\*\*\* SHOULD BE USED TOGETHER.

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R9	CUSTOMER COPY
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5			
GENERAL TOLERANCE.				TITLE MHF® I/II RECEPTACLE	SCALE 2:1	UNIT mm
DWG.	DATE					
CHK.						
APP.						
				DWG. No.	20279	SIZE A3
				SHEET	7/7	REV. 26