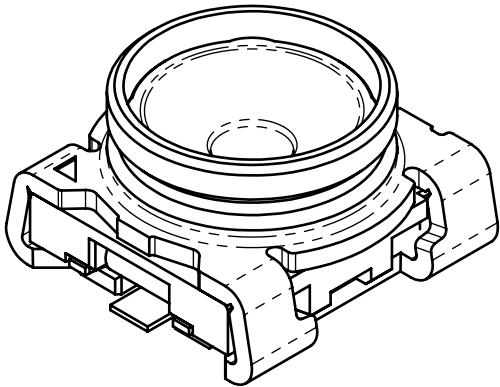
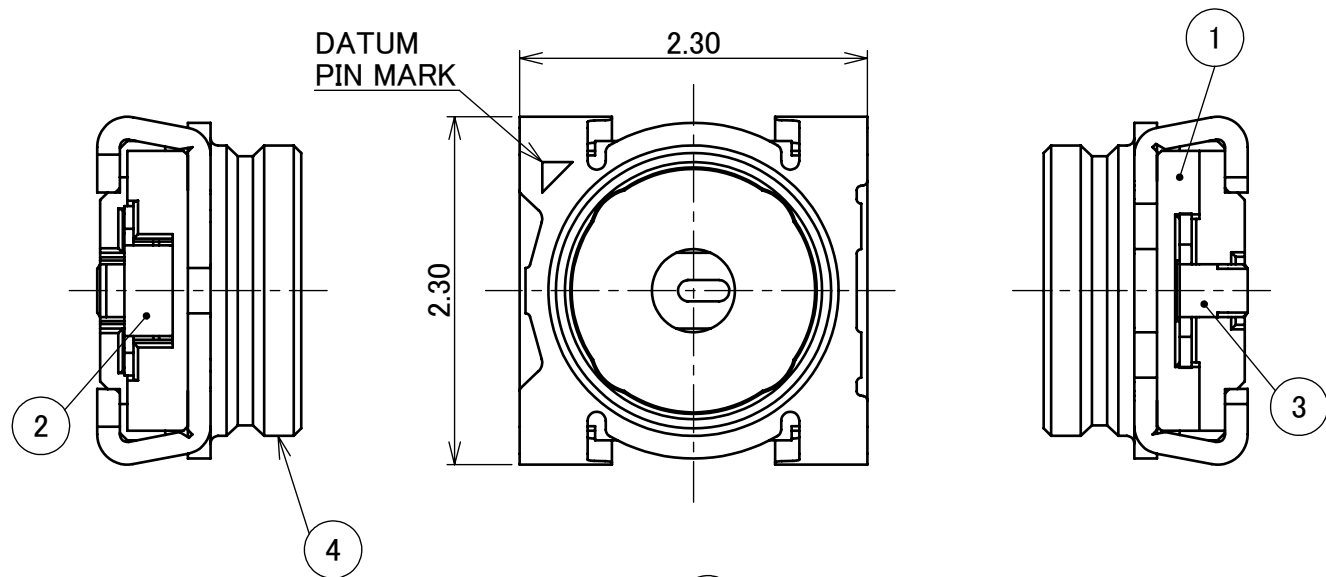
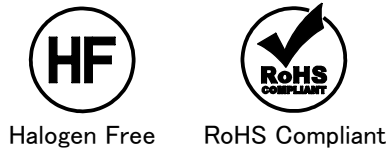
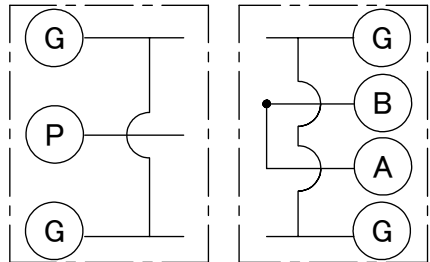


PART NO.	PACKING QUANTITY
20549-001E	10,000/REEL
20549-001E-01	2,500/REEL



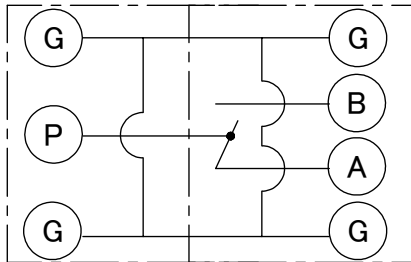
- NOTES.
1. COPLANARITY : 0.1MAX.
 2. RoHS COMPLIANT.
 3. CIRCUIT OF SWITCH

ON STATE
(NOT MATED WITH THE
CONVERSION ADAPTER)

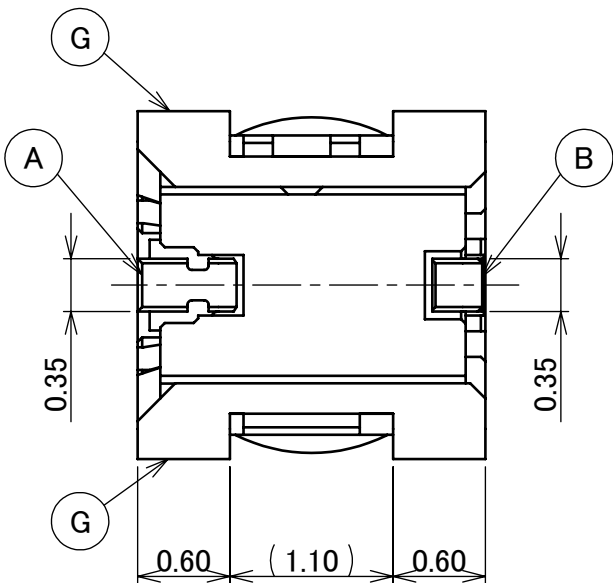
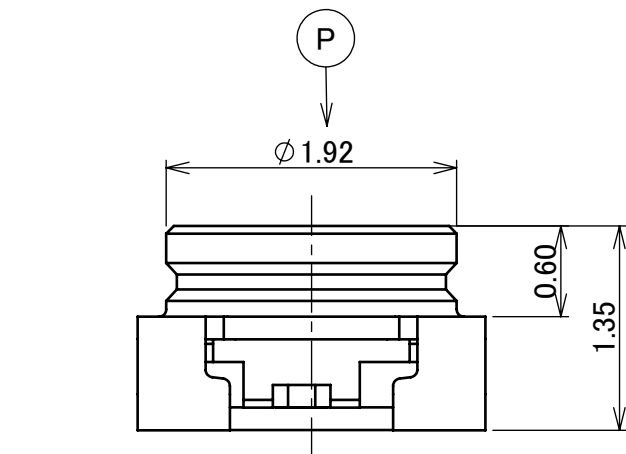


CONVERSION
ADAPTER MHF-SW23
ASS'Y

OFF STATE
(MATED WITH THE
CONVERSION ADAPTER)



CONVERSION
ADAPTER MHF-SW23
ASS'Y

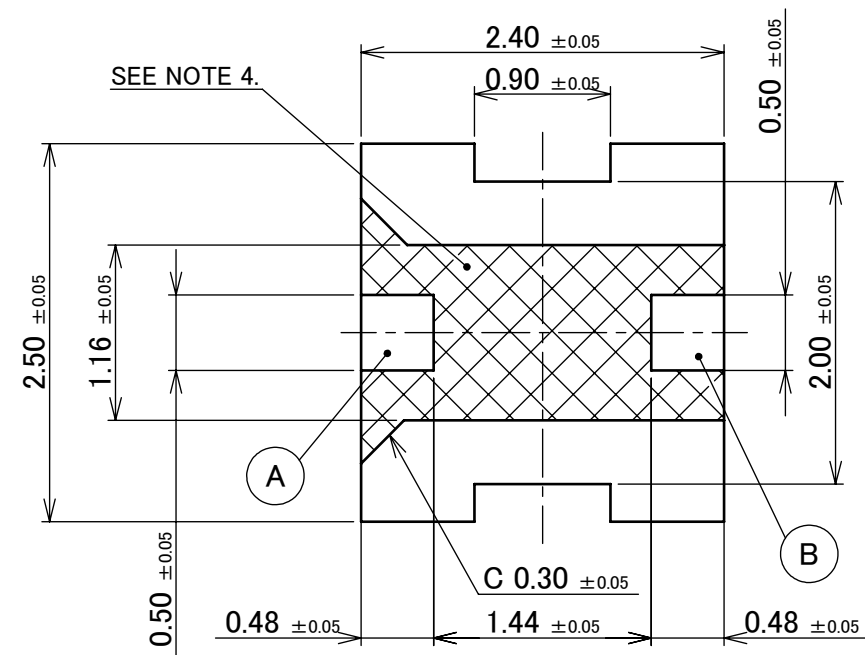


4	GROUND CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μ m MIN. CONTACT PART Au 0.02 μ m MIN. SOLDERING PART Au 0.02 μ m MIN.
3	CONTACT B	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μ m MIN. CONTACT PART Au 0.2 μ m MIN. SOLDERING PART Au 0.02 μ m MIN.
2	CONTACT A	CORSON ALLOY	ALL OVER Ni 1.00 μ m MIN. CONTACT PART Au 0.2 μ m MIN. SOLDERING PART Au 0.02 μ m MIN.
1	HOUSING	LCP	UL94V-0, BLACK
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

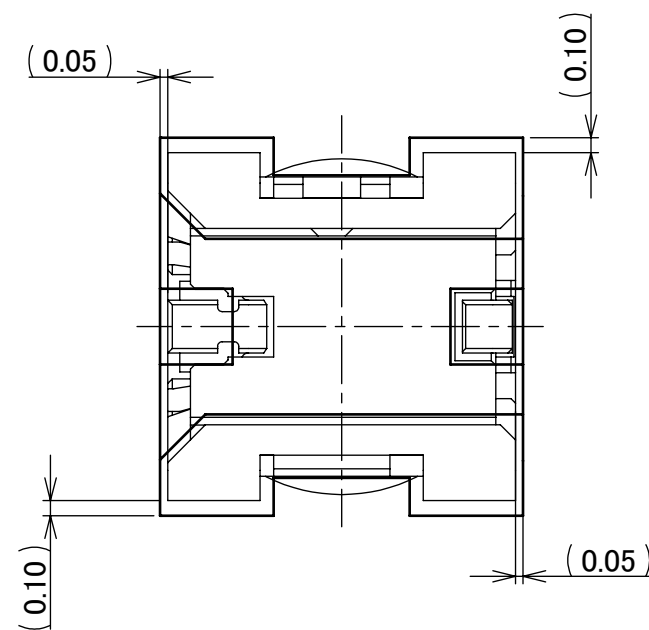
10	Z230829	Y.I	2023/07/19	M.T	ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No.	CUSTOMER COPY			
9	Z210864	K.M	2021/07/30	M.T	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R10				
8	Z200013	Haji	2020/01/08	Y.S	GENERAL TOLERANCE.				TITLE MHF® -SW23	SCALE	I-PEX			
7	Z181273	Y.I	2018/09/28	Ken	DWG.	DATE				20:1				
6	Z180599	M.N	2018/05/09	Ken	Y.Hashimoto 2011/12/09					UNIT				
5	Z170101	Y.I	2017/01/27	Ken	CHK.	K.Yotsutani				mm				
REV.	ECN	BY	DATE	APP.	APP.	E.Kawabe				DWG. No.	20549	SIZE	SHEET	REV.
REVISION RECORD					E.Kawabe				20549		A3	1/6	10	

ITEMS	SPECIFICATION	
CONNECTOR PART NO.	20549-001E	20549-001E-01
RATING POWER	2 W	
RATING FREQUENCY	DC ~ 11.0 GHz	
OPERATING TEMPERATURE	233 ~ 358 K (-40°C~+85°C)	
OPERATING HUMIDITY	90% MAX. (NON-CONDENSING)	
VSWR	1.2 MAX. AT DC ~2.5 GHz, 1.3 MAX. AT 2.5 GHz ~ 6.0 GHz, 1.5 MAX. AT 6.0 GHz ~ 11.0 GHz	
MAIN CONTACT RESISTANCE	100 mohm MAX	
GROUND CONTACT RESISTANCE	100 mohm MAX	
INSULATION RESISTANCE	INITIAL: 1000 Mohm MIN. / AFTER TEST: 10 Mohm MIN.	
DIELECTRIC WITHSTANDING VOLTAGE	100 V AC, 1 MINUTE	
DURABILITY	100 CYCLES	
PRODUCT SPECIFICATION	PRS-1672	
TEST REPORT	TR-12041	
PACKING STANDARD	300-991	PST-12025
INSTRUCTION MANUAL	HIM-13004	
APPEARANCE CRITERIA No.	QLS-A***	

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R10	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE MHF® -SW23		SCALE		
DWG.	DATE					—		
CHK.						UNIT		
APP.						mm		
				DWG. No.		SIZE	SHEET	REV.
				20549		A3	2/6	10

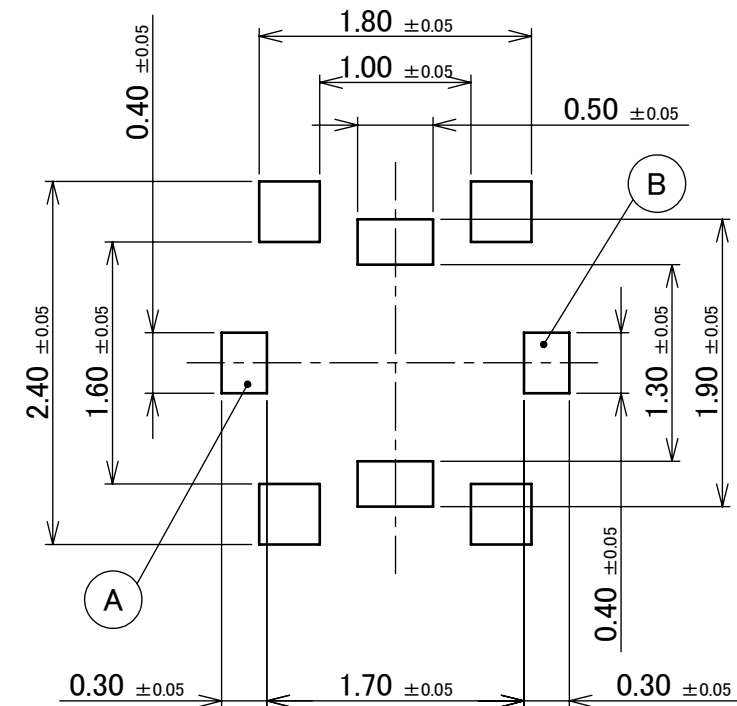


RECOMMENDED FOOTPRINT PATTERN

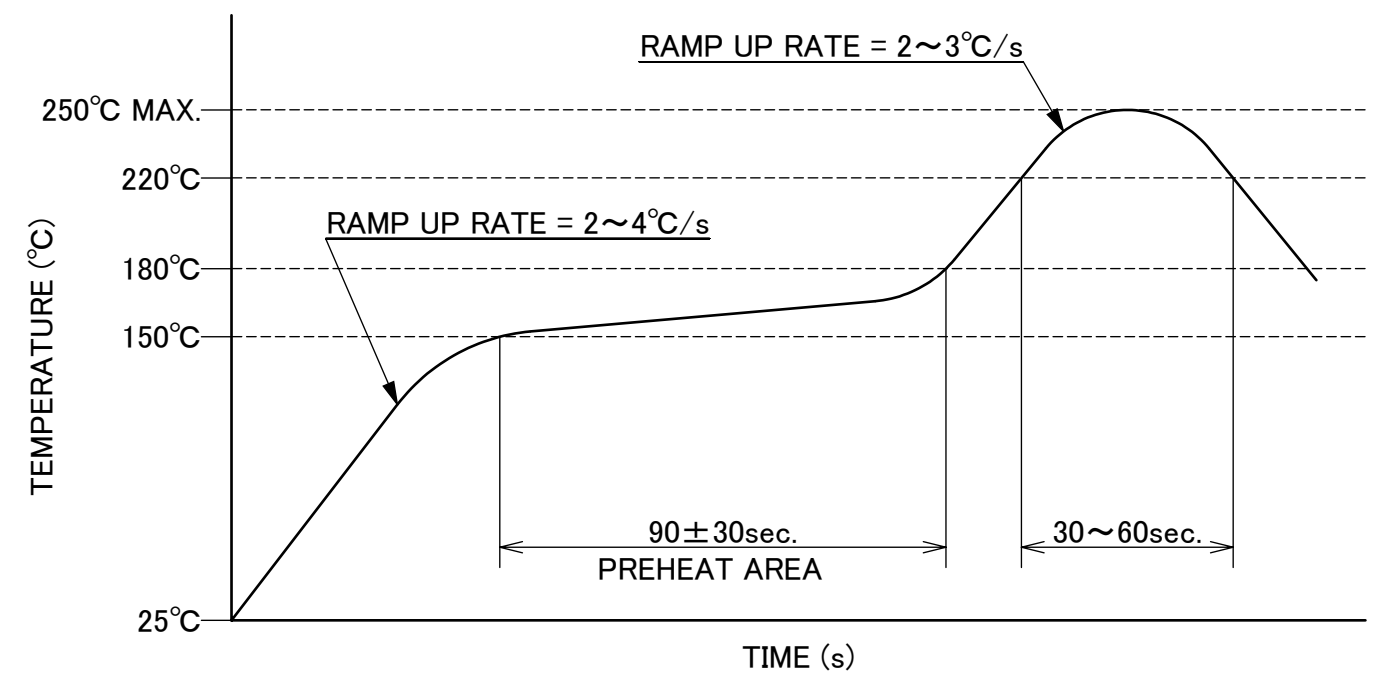


CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN

NOTES
4. NO GROUND, SIGNAL, AND RESIST IN THIS AREA.



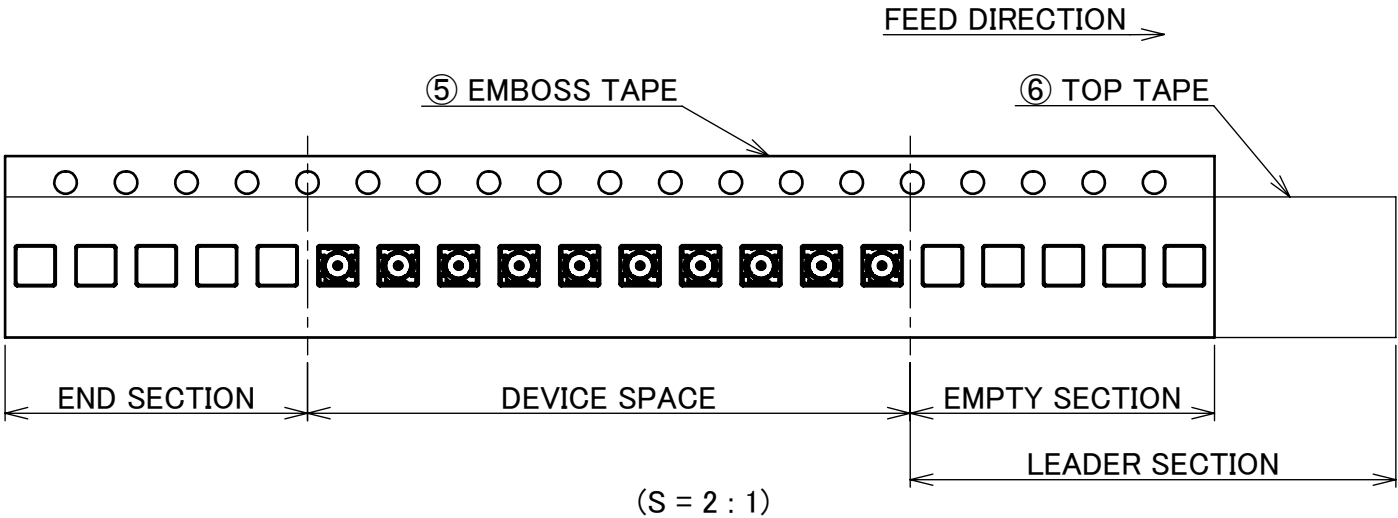
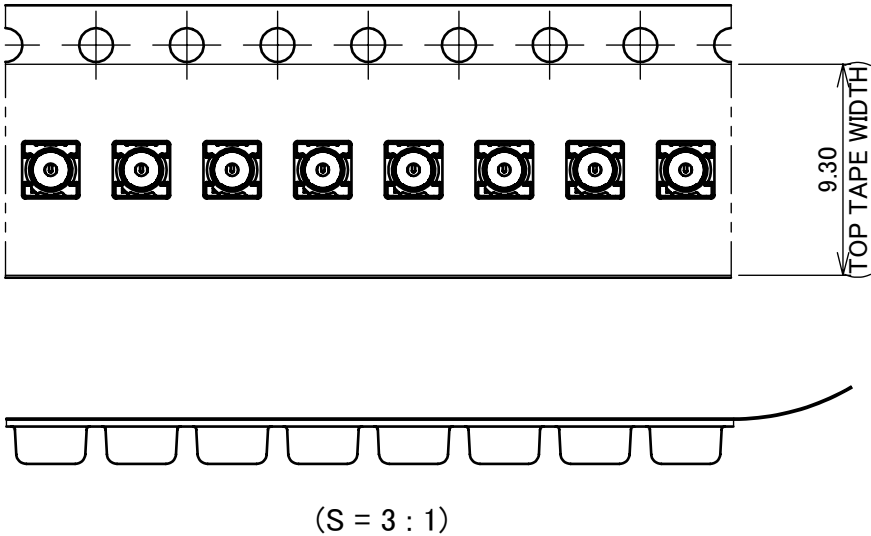
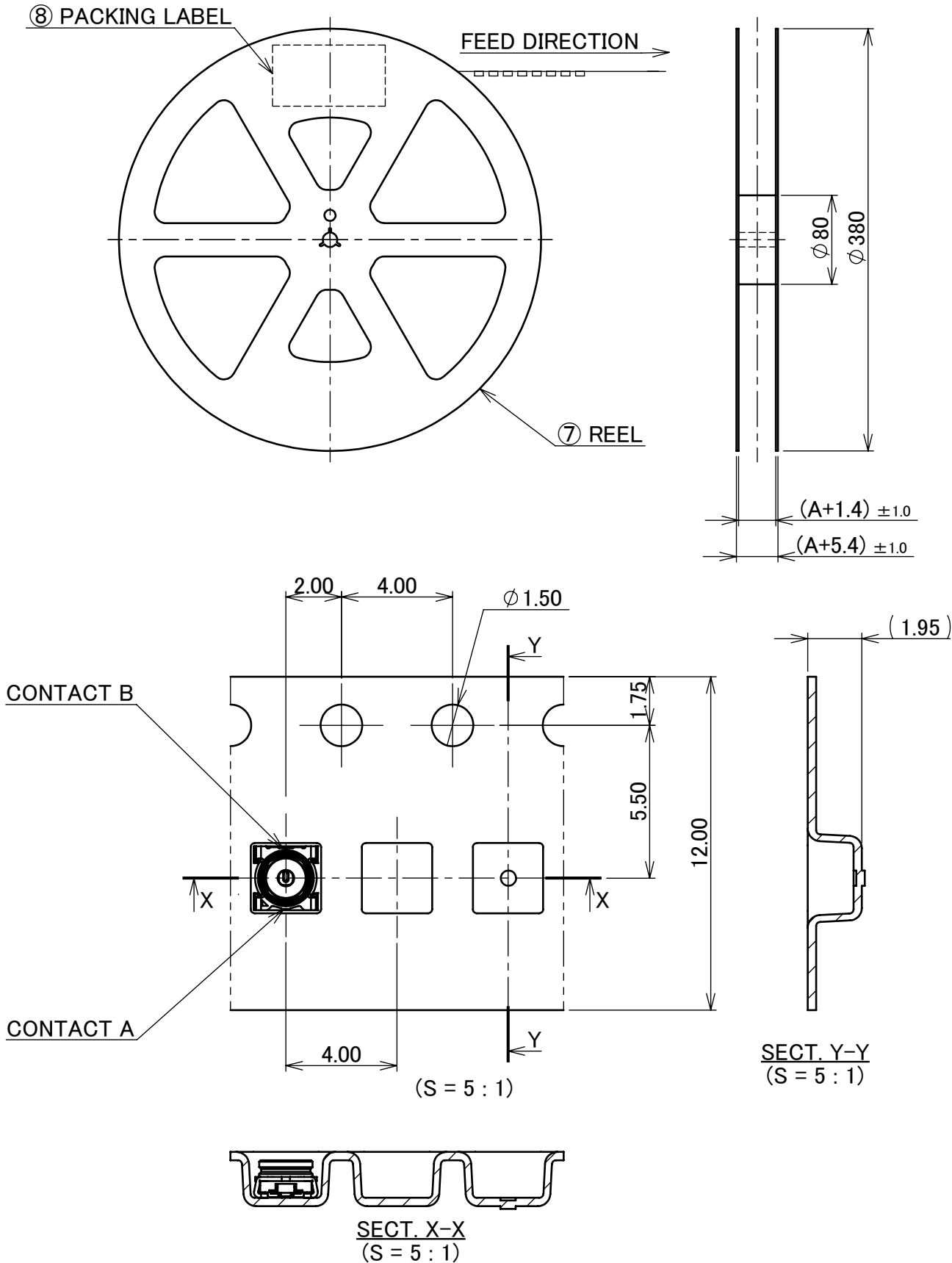
MASK THICKNESS: $t = 0.1$
METAL MASK



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

ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No.	CUSTOMER COPY			
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R10				
GENERAL TOLERANCE.					TITLE MHF® -SW23		SCALE		
DWG.		DATE					20:1		
CHK.							UNIT		
APP.							mm		
				DWG. No.	20549	SIZE	SHEET	REV.	
						A3	3/6	10	

PART NO.	A	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20549-001E	12	10,000 PIECES / REEL	10 REELS / CARTON = 100,000 PIECES

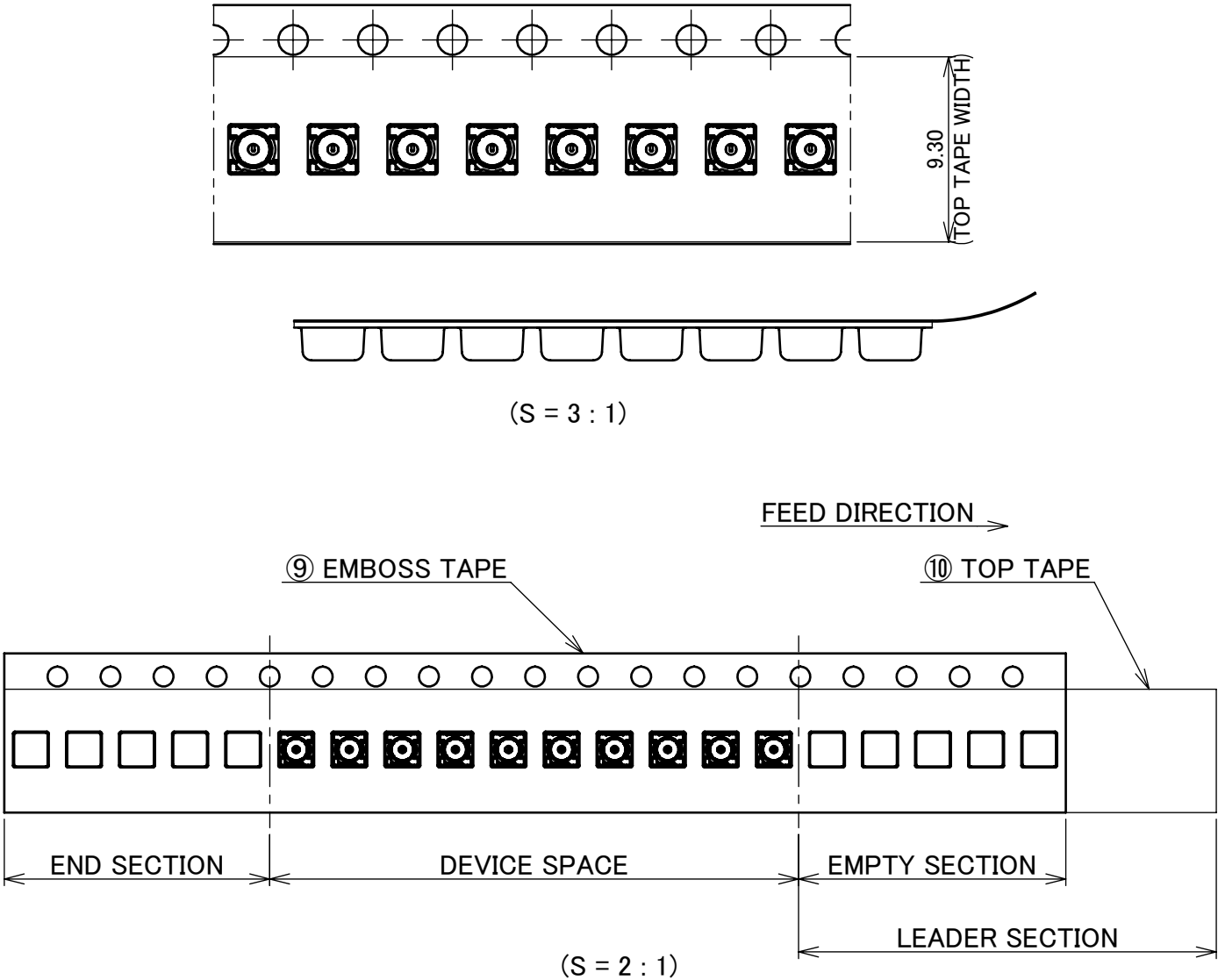
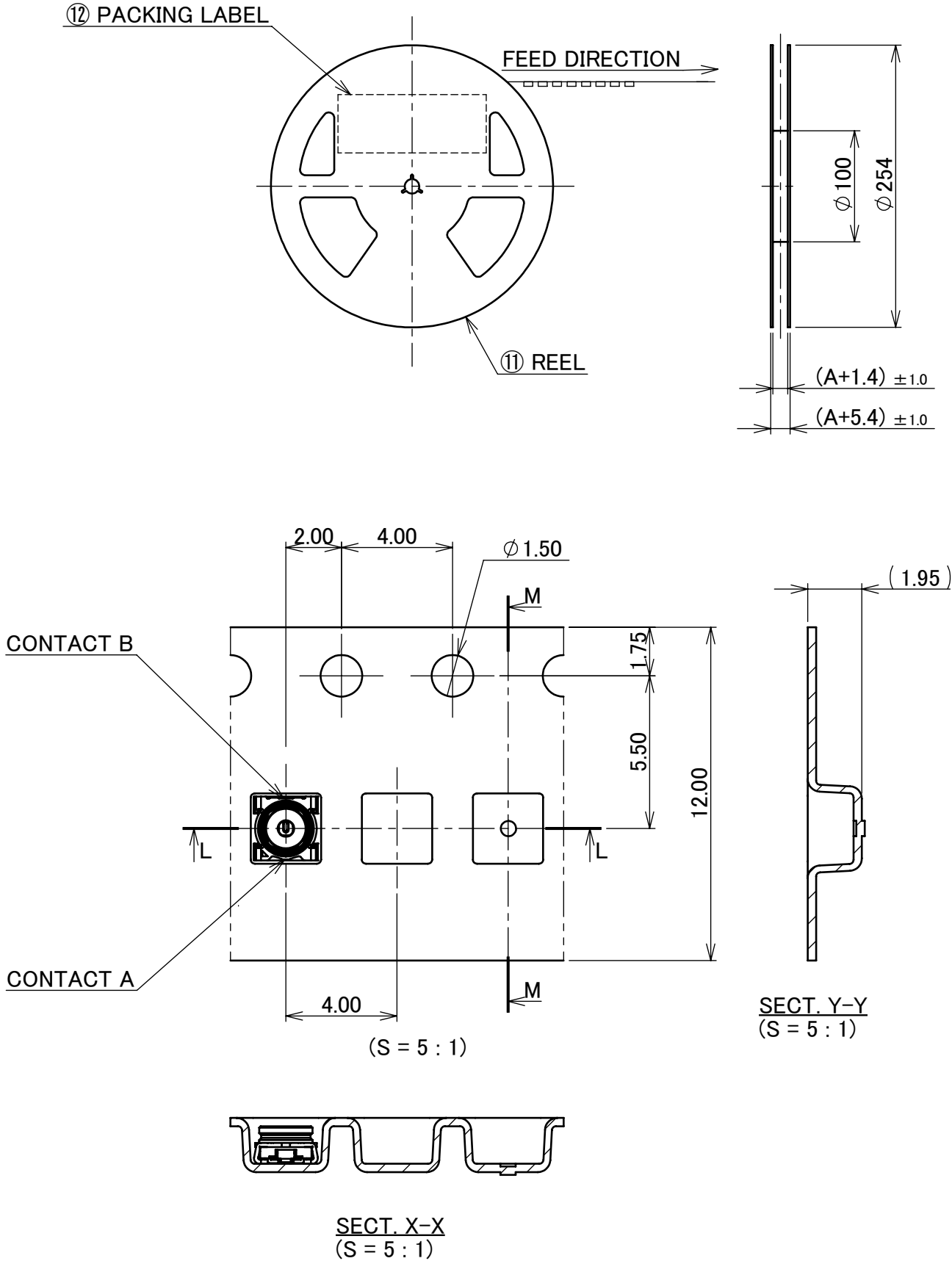


- NOTES.
- TAPING SPECIFICATION FOLLOWS JIS C 0806 (IEC 60286-3).
 - MAKE EMPTY SECTION OF LEADER AND END ON EACH END OF THE TAPE.
 - TOP TAPE SHALL NOT STICK OUT FROM EMBOSS TAPE.
 - TOP TAPE SHALL NOT COVER FEED HOLE.

8	PACKING LABEL	-	-
7	REEL	PS	ANTI-STATIC TYPE BLACK
6	TOP TAPE	PET t=0.062 TRANSPARENCY	ANTI-STATIC TYPE
5	EMBOSS TAPE	PS t=0.3 TRANSPARENCY	ANTI-STATIC TYPE
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R10	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE MHF® -SW23		SCALE	I-PEX	
DWG.	DATE					1:X		
CHK.						UNIT		
APP.						mm		
				DWG. No.	20549	SIZE	SHEET	REV.
						A3	4/6	10

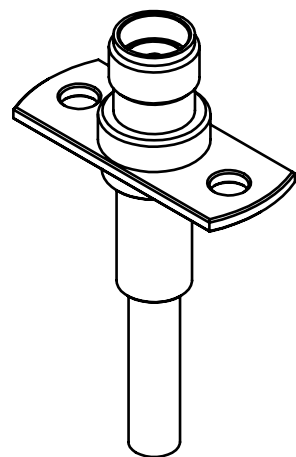
PART NO.	A	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20549-001E-01	12	2,500 PIECES / REEL	10 REELS / CARTON = 25,000 PIECES



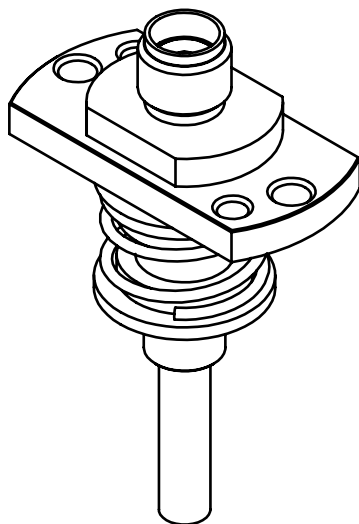
- NOTES.
9. TAPING SPECIFICATION FOLLOWS JIS C 0806 (IEC 60286-3).
10. MAKE EMPTY SECTION OF LEADER AND END ON EACH END OF THE TAPE.
11. TOP TAPE SHALL NOT STICK OUT FROM EMBOSS TAPE.
12. TOP TAPE SHALL NOT COVER FEED HOLE.

12	PACKING LABEL	-	-
11	REEL	PS	ANTI-STATIC TYPE BLACK
10	TOP TAPE	PET t=0.062 TRANSPARENCY	ANTI-STATIC TYPE
9	EMBOSS TAPE	PS t=0.3 TRANSPARENCY	ANTI-STATIC TYPE
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

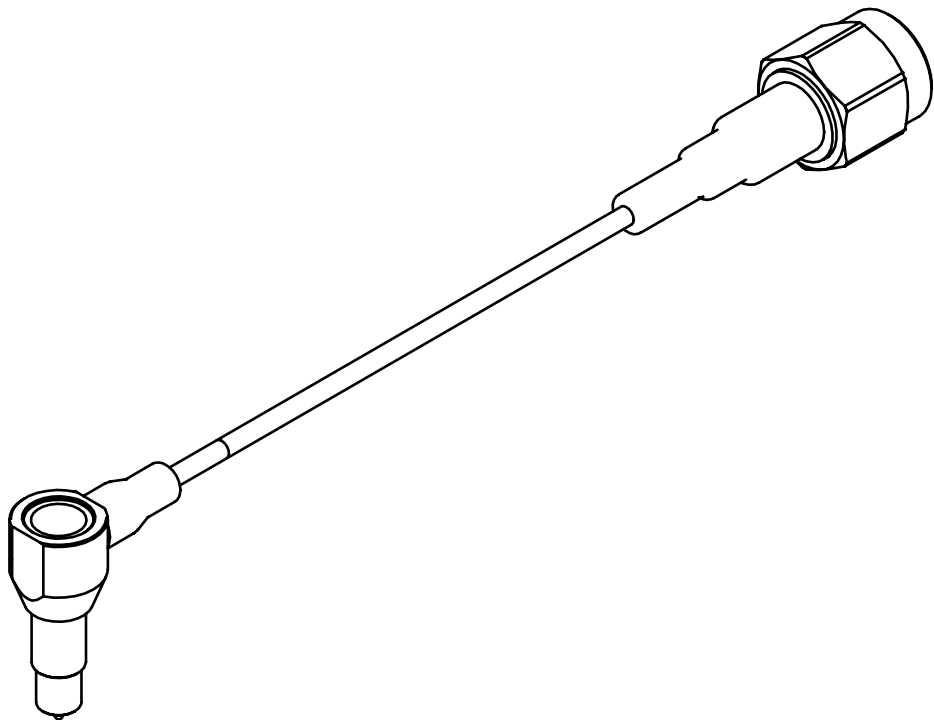
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R10	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE MHF® -SW23		SCALE	I-PEX	
DWG.	DATE					1:X		
CHK.						UNIT		
APP.						mm		
				DWG. No.	20549	SIZE	SHEET	REV.
						A3	5/6	10



MHF-SW23 RECEPTACLE HIGH CYCLE SMA ADAPTER
PART NO. 90604-0001



MHF-SW23 RECEPTACLE HIGH CYCLE F SMA ADAPTER
PART NO. 90605-0001



MHF-SW23 SMA ADAPTER CABLE
PART NO. 90582-0*00

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R10	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE MHF® -SW23	SCALE 2:1	I-PEX		
DWG.	DATE							UNIT
CHK.								mm
APP.								
				DWG. No. 20549	SIZE A3	SHEET 6/6	REV. 10	