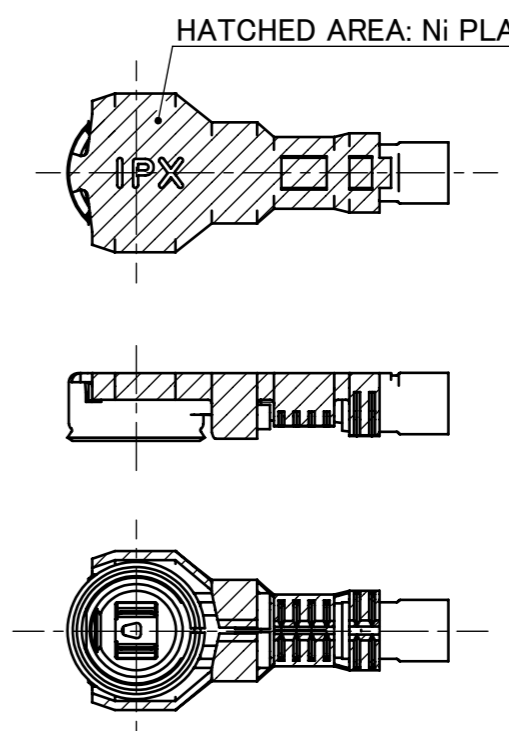
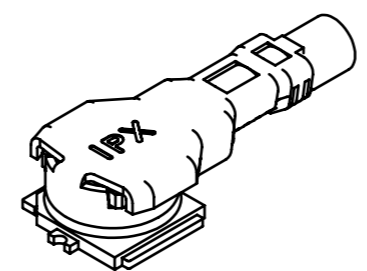
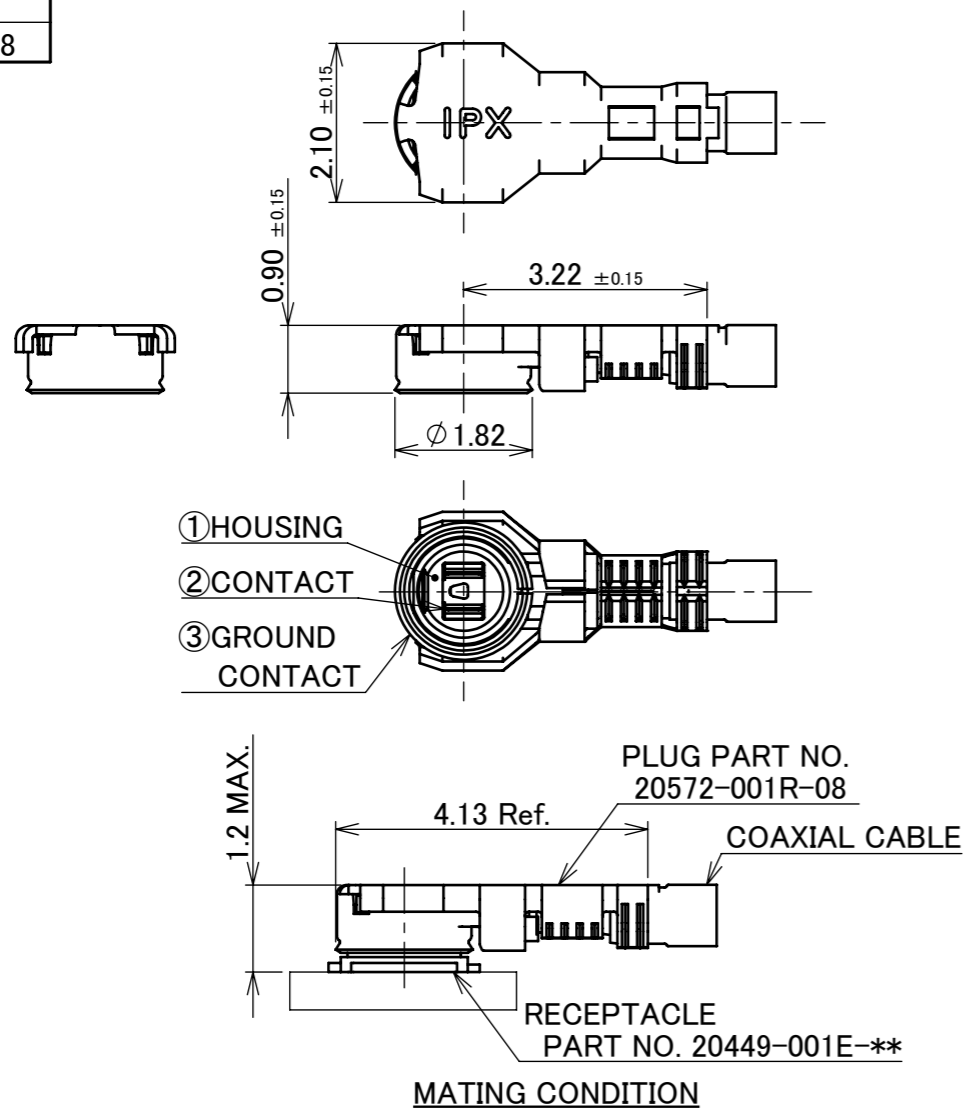
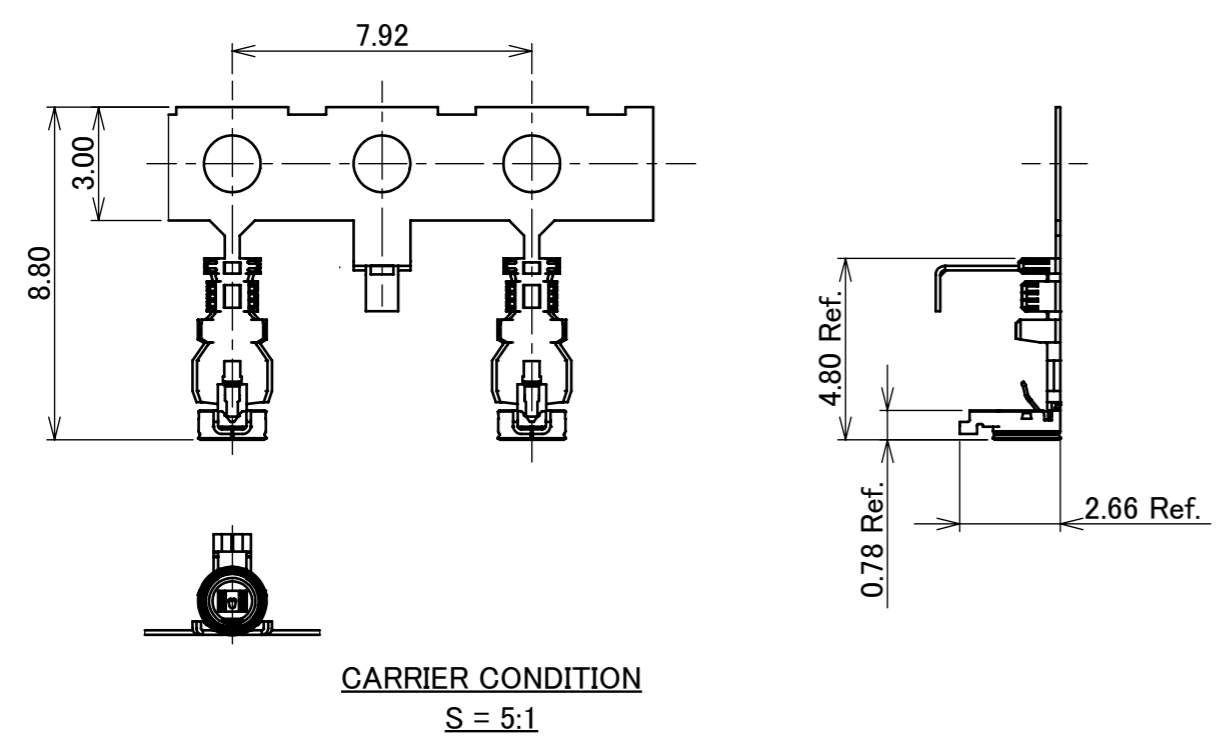
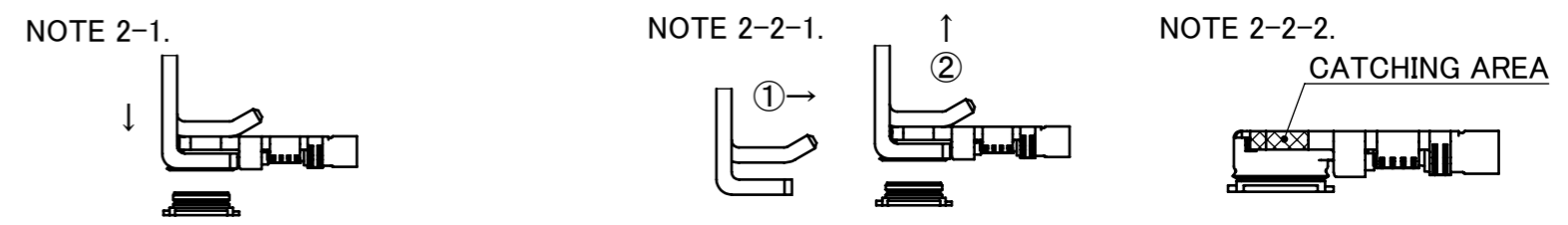


PART NO.
20572-001R-08



NOTES.

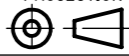
- APPLICABLE CONNECTOR
20449-001E-**
20579-001E-**
- MATING AND UNMATING INSTRUCTION
 - MATING
MATE THE CONNECTOR VERTICALLY AS MUCH AS POSSIBLE, ADJUSTING THE MATING AXIS OF PLUG AND RECEPTACLE. DO NOT SLANT MATE.
 - UNMATING INSTRUCTION
 - IN CASE OF UNMATING BY PULLING TOOL (PART NO. 90609-0001)
USE THE PULLING TOOL AS THE FOLLOWING DRAWING, AND PULL PLUG TO VERTICAL DIRECTION AS DIRECTLY AS POSSIBLE.
 - IN CASE OF UNMATING DIRECTLY BY HAND
CATCH THE CATCHING AREA OF PLUG, AND PULL PLUG TO VERTICAL DIRECTION AS DIRECTLY AS POSSIBLE.



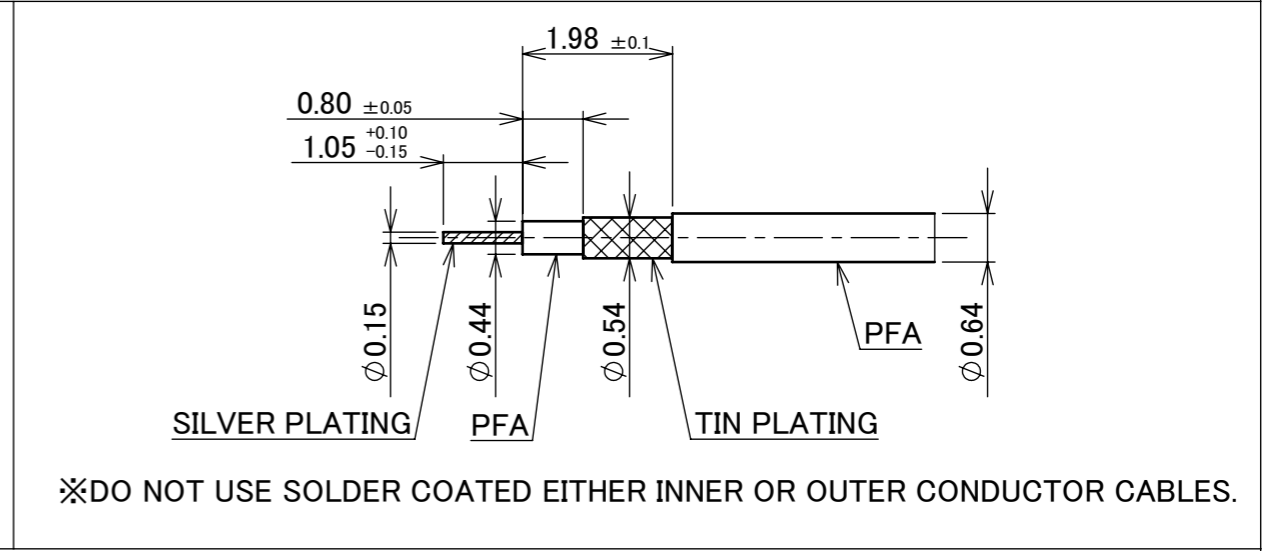
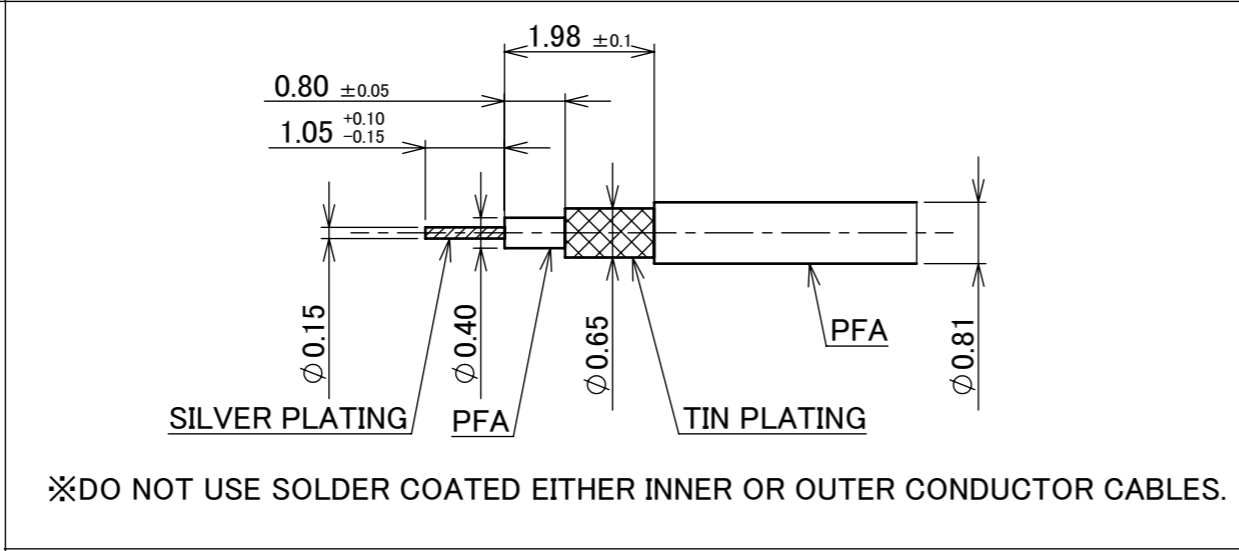
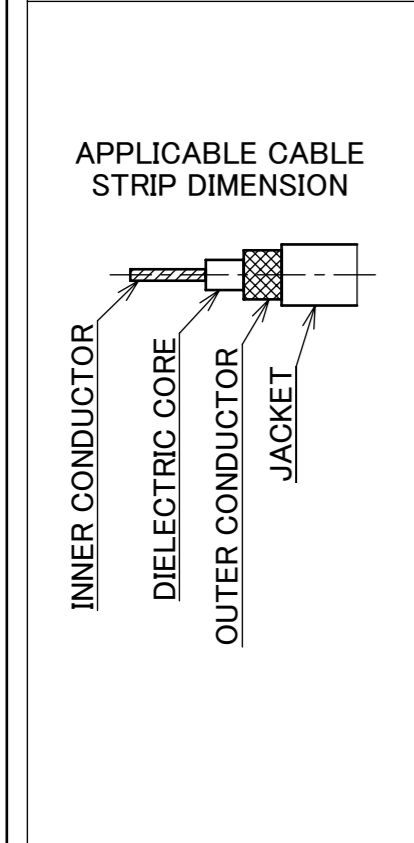
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS
3	GROUND CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μ m MIN. CONTACT PART Au 0.05 μ m MIN. [Ni PLATING AREA] Ni ONLY
2	CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μ m MIN. CONTACT PART Au 0.10 μ m MIN.
1	HOUSING	PBT	UL94V-0, BLACK

REV.	ECN	BY	DATE	APP.	APP.	CHK.	DATE	ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY	
8	Z220982	TOI	2022/08/30	Y.H	T.Takano			ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	R3	CUSTOMER COPY	
7	Z220592	K.W	2022/05/30	Y.H				6 MAX.	±0.2	30 OVER 120 MAX.	±0.5	PROJECTION	R3	CUSTOMER COPY	
6	Z201194	TOI	2020/11/18	M.T				GENERAL TOLERANCE.							
5	Z200934	TOI	2020/09/08	M.T				DWG.		DATE		TITLE		SCALE	
4	Z191019	Haji	2019/08/01	Y.S				S.Suzuki		2013/10/03		MHF® 4L PLUG Ni TOP (0.81, 0.64)	10:1	I-PEX	
3	Z180749	M.N	2018/11/08	Ken				K.Yotsutani				(0.81, 0.64)	UNIT		mm
REV.	ECN	BY	DATE	APP.	APP.	CHK.	DATE	ANGLE	±2°	6 OVER 30 MAX.	±0.3	DWG. No.	20572	SIZE	
REVISION RECORD					T.Takano								20572	A3	SHEET
														1/5	REV.
															8

ITEMS	SPECIFICATION	
APPLICABLE CABLE	AWG#36 (0.81 O.D.)	AWG#36 (0.64 O.D.)
RECOMMENDED CONNECTOR PART No.	20449-001E-**	
RATING VOLTAGE	60 V AC (R.M.S)	
RATING FREQUENCY (MATED WITH MHF 4 RECEPTACLE PART No.20449-001E-**)	DC~9 GHz	
OPERATING TEMPERATURE	233~363K (-40°C~+90°C)	
VSWR (MATED WITH SMA ADAPTER PART No. 90449-001)	1.30 MAX. AT 0.1~3 GHz, 1.45 MAX. AT 3~6 GHz, 1.60 MAX. AT 6~9 GHz, 1.90 MAX. AT 9~12 GHz	
MAIN CONTACT RESISTANCE	INITIAL: 20 mohm MAX. / AFTER TEST: Δ R 20 mohm MAX.	
GROUND CONTACT RESISTANCE	INITIAL: 20 mohm MAX. / AFTER TEST: Δ R 20 mohm MAX.	
INSULATION RESISTANCE	INITIAL: 500 Mohm MIN. / AFTER TEST: 100 Mohm MIN.	
DIELECTRIC WITHSTANDING VOLTAGE	200 V AC, 1 MINUTE	
DURABILITY	30 CYCLES	
MATING FORCE (INITIAL / AFTER TEST)	INITIAL: 30 N MAX. / AFTER TEST: 30 N MAX.	
UNMATING FORCE (INITIAL / AFTER TEST)	INITIAL: 20 N MAX. 5 N MIN. / AFTER TEST: 20 N MAX. 3 N MIN.	
CRIMP STRENGTH	-	8 N MIN.
PRODUCT SPECIFICATION	PRS-1772	PRS-1944
TEST REPORT	TR-13011	TR-14078
PACKING STANDARD	PST-12066	
INSTRUCTION MANUAL	HIM-12011	
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® 4L PLUG Ni TOP (0.81, 0.64)	SCALE -	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20572	SIZE A3	SHEET 2/5	REV. 8

PART NO.	20572-001R-08	
----------	---------------	--



NOTES
 3.REQUIREMENTS
 CHARACTERISTIC IMPEDANCE: 50(±3)ohm BY TDR METHOD
 NOMINAL CAPACITANCE (REFERENCE VALUE): 96pF/m
 CONDUCTOR RESISTANCE OF INNER CONDUCTOR AT 293 (REFERENCE): OD 0.81 TYPE/OD 0.64 TYPE...1400ohm/km
 INSULATION RESISTANCE: OD 0.81 TYPE/OD 0.64 TYPE... 1000Mega-ohm.km MIN.
 DIELECTRIC WITH STANCE VOLTAGE: OD 0.81 TYPE...NO BREAKDOWN AT AC 1500V FOR 1 MINUTES.
 OD 0.64 TYPE...NO BREAKDOWN AT AC 500V FOR 1 MINUTES.

BRAIDED SHIELD OF OUTER CONCUCTOR

SINGLE BRAIDED SHIELD

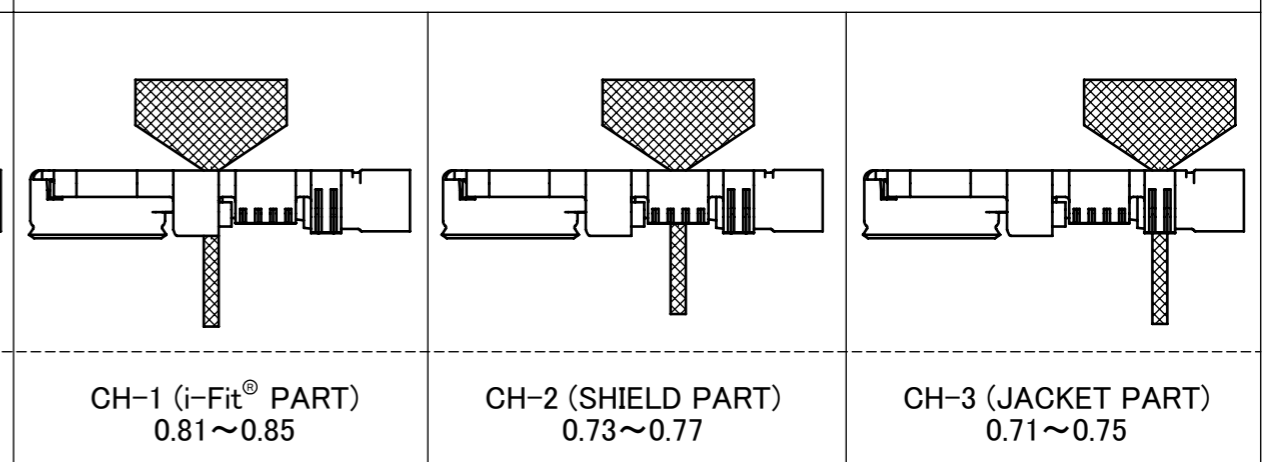
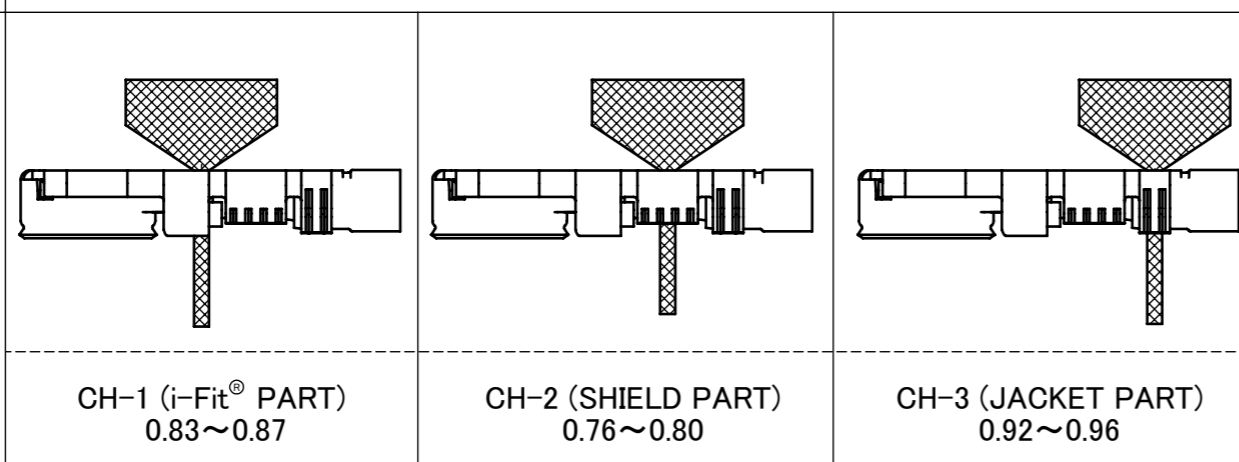
SINGLE SPIRAL SHIELD

PART NO. OF SEMI AUTO TERMINATION MACHINE

90599-008

90599-006

CRIMP HEIGHT

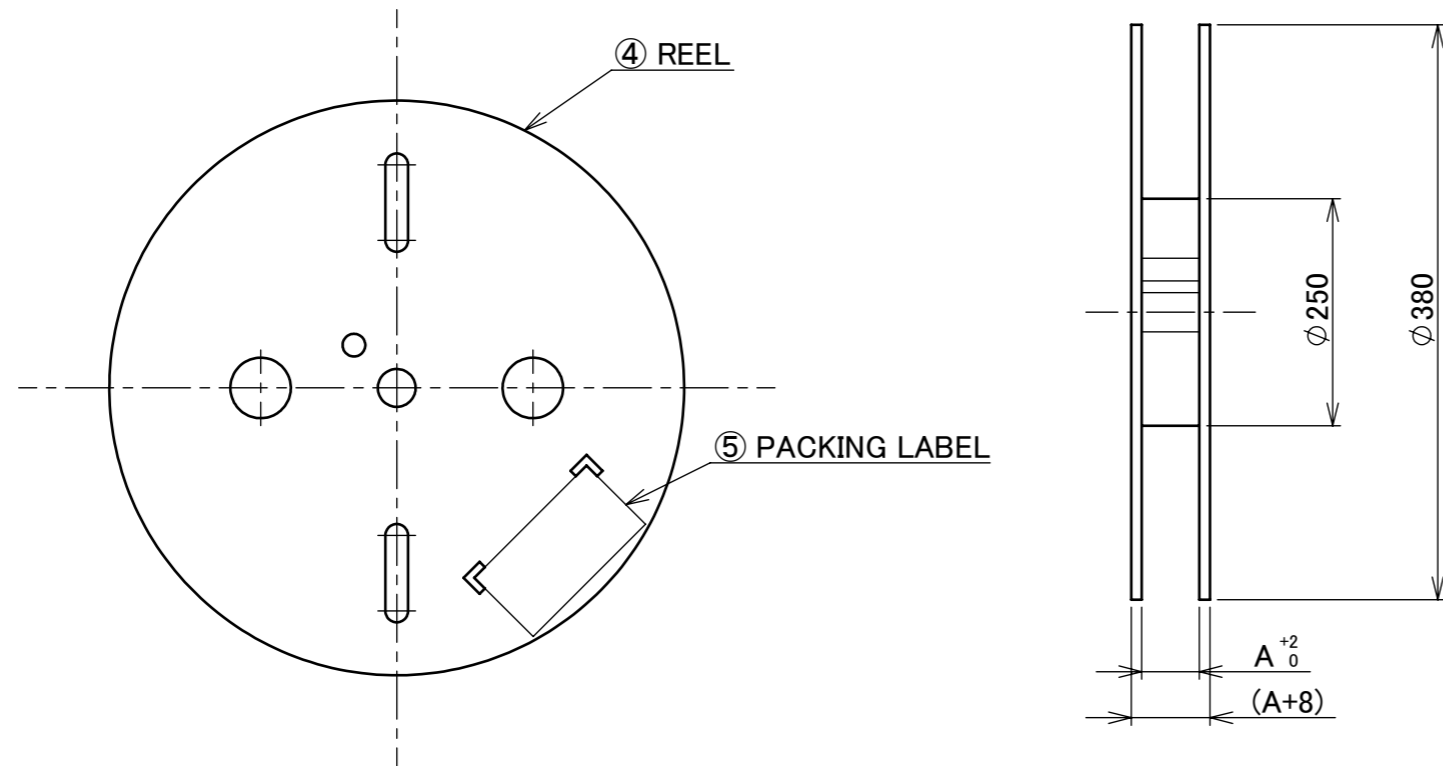


※USE FOR POINT MICROMETER.

※USE FOR POINT MICROMETER.

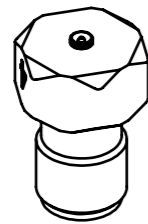
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R3	CUSTOMER COPY	
	6 MAX.	±0.2	30 OVER 120 MAX.			±0.5	SCALE
GENERAL TOLERANCE.				TITLE		UNIT	SHEET
DWG.	DATE			MHF® 4L PLUG Ni TOP (0.81, 0.64)		mm	
CHK.				DWG. No.		A3	3/5
APP.				20572			8

PART NO.	A	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20572-001R-08	15	3,000 / REEL	7 REELS / CARTON = 21,000 PIECES

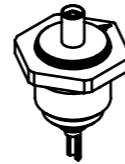


5	PACKING LABEL	-	-
4	REEL	PP	-
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

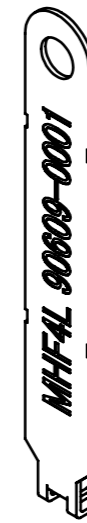
ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R3	CUSTOMER COPY		
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5					
GENERAL TOLERANCE.				TITLE MHF® 4L PLUG Ni TOP (0.81, 0.64)	SCALE -	I-PEX		
DWG.	DATE							
CHK.								
APP.								
DWG. No.	20572			SIZE A3	SHEET 4/5	REV. 8		



MHF 4 (4L) SMA ADAPTOR
PART NO. 90449-001



MHF 4 (4L) INSPECTION CONNECTOR
PART NO. 90449-003-01



FRONT SIDE



BACK SIDE

MHF 4L PUSHING AND PULLING TOOL
PART NO. 90609-0001

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 MHF® 4L PLUG Ni TOP (0.81, 0.64)	SCALE 2:1	UNIT I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20572	SIZE A3	SHEET 5/5	REV. 8