

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-40°C TO +85°C	STORAGE TEMPERATURE RANGE	-40°C TO +85°C	
	POWER	0.25 W (at 65°C)	CHARACTERISTIC IMPEDANCE	50 Ω (DC TO 26.5 GHz)	
	OPERATING RELATIVE HUMIDITY	95% MAX	USED CONNECTOR	HRM-P(SMA-P)	
SPECIFICATIONS					
ITEM	TEST METHOD		REQUIREMENTS	QT	AT
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.			X	X
ELECTRIC CHARACTERISTICS					
V.S.W.R.	MUST BE UNDER THE STD.VALUE AT FREQUENCY DC TO 4.0 GHz		MAXIMUM OF 1.08	X	X
	MUST BE UNDER THE STD.VALUE AT FREQUENCY 4.0 TO 8.0 GHz		MAXIMUM OF 1.10		
	MUST BE UNDER THE STD.VALUE AT FREQUENCY 8.0 TO 12.4 GHz		MAXIMUM OF 1.12		
	MUST BE UNDER THE STD.VALUE AT FREQUENCY 12.4 TO 18.0 GHz		MAXIMUM OF 1.15		
	MUST BE UNDER THE STD.VALUE AT FREQUENCY 18.0 TO 26.5 GHz		MAXIMUM OF 1.20		
RESISTANCE VALUE	MEASURE THE RESISTANCE VALUE AT DC1V.		48 TO 52 Ω	X	X
TEMPERATURE RISE	IMPRESSED THE POWER RATING(DC).		MAXIMUM OF 40°C	X	-
MECHANICAL CHARACTERISTICS					
VIBRATION	FREQUENCY 10 TO 2000 Hz, TOTAL AMPLITUDE 1.52 mm, 98 m/s ² AT 4 HOURS FOR 3 DIRECTIONS.		①ELECTRICAL CHARACTERISTIC SHALL BE MET. ②NO DAMAGE, CRACK, AND LOOSENESS, OF PARTS.	X	-
SHOCK	ACCELERATION : 490 m/s ² DURATION : 11 ms , HALF SINE WAVE 3 BOTH AXIAL DIRECTIONS, 3 TIMES EACH		①ELECTRICAL CHARACTERISTIC SHALL BE MET. ②NO DAMAGE, CRACK, AND LOOSENESS, OF PARTS.	X	-
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 →15~35 →85 →15~35°C TIME 30 →2~3 →30 →2~3 min TEST 5 CYCLES AND LEAVE IT FOR ONE HOUR OR TWO.		①ELECTRICAL CHARACTERISTIC SHALL BE MET. ②NO DAMAGE, CRACK, AND LOOSENESS, OF PARTS.	X	-
SALT ATMOSPHERE (CORROSION)	SALT SOLUTION CONCENTRATION 5% SALT WATER SPRAY FOR 48 HOURS.		NO CORROSION WHICH AFFECTS THE OPERATION OF COMPONENT.	X	-
COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
1	DIS-D-00000579		YI. FUNADA	TO. KATAYAMA	15. 10. 09
REMARK			APPROVED	KY. SHIMIZU	15. 01. 14
(1) ROHS COMPLIANT			CHECKED	TO. KATAYAMA	15. 01. 14
(2) USE LEAD FREE SOLDER(Sn3.0Ag0.5Cu).			DESIGNED	YI. FUNADA	15. 01. 14
(3) MARKING IS HRM601A(26.5).			DRAWN	YI. FUNADA	15. 01. 14
Unless otherwise specified, refer to IEC 60512.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.	ELC-030012-52-52	
HR	SPECIFICATION SHEET		PART NO.	HRM-601A (52)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL353-0017-3-52	△ 1/1

A

B

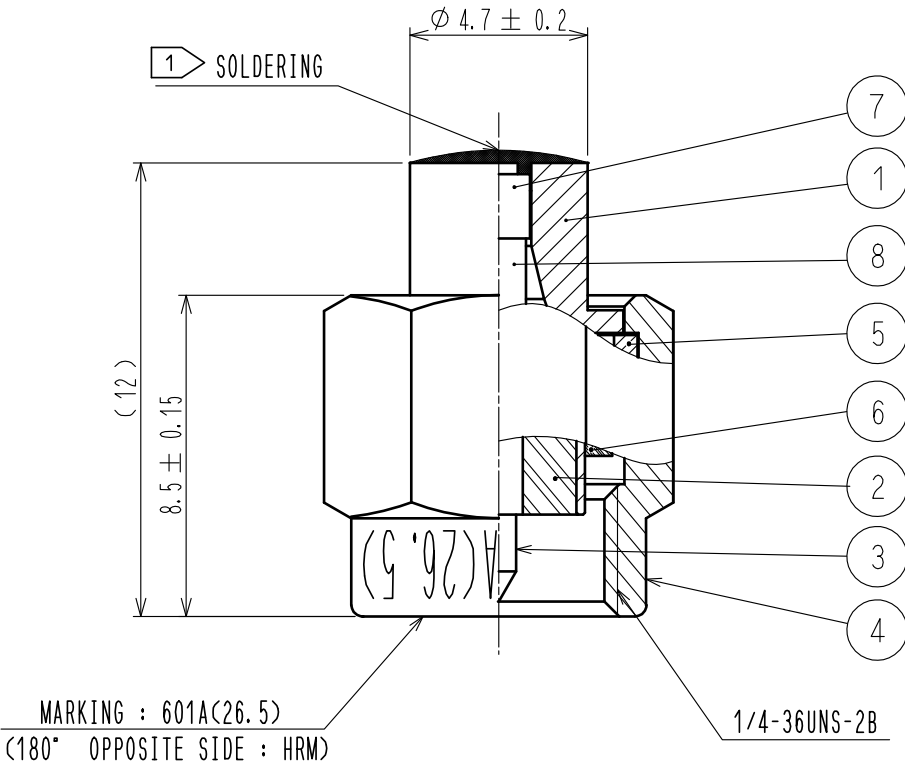
C

D

E

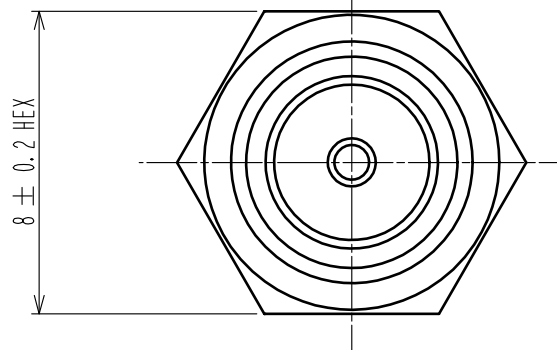
F

1 2 3 4



MARKING : 601A(26.5)
(180° OPPOSITE SIDE : HRM)

1/4-36UNS-2B



NOTE 1 Lead-free solder of Sn3Ag0.5Cu is used.

RoHS COMPLIANT

4	STAINLESS STEEL	PASSIVATED	8	RESISTANCE	50μ
3	BRASS	GOLD PLATING	7	BRASS	GOLD PLATING
2	PTFE		6	SILICONE RUBBER	
1	STAINLESS STEEL	NICKEL PLATING	5	BERYLLIUM COPPER	NICKEL PLATING
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS

UNITS mm		SCALE 5 : 1	COUNT 	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
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HIROSE ELECTRIC CO., LTD.	APPROVED : KY. SHIMIZU	15. 01. 14	DRAWING NO.	EDC-030012-52-52
	CHECKED : TO. KATAYAMA	15. 01. 14	PART NO.	HRM-601A(52)
	DESIGNED : YI. FUNADA	15. 01. 14	CODE NO.	CL353-0017-3-52
	DRAWN : YI. FUNADA	15. 01. 14		