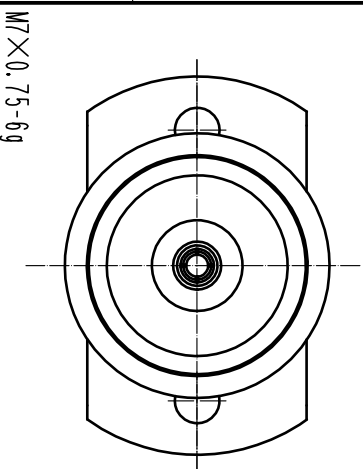
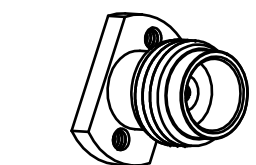
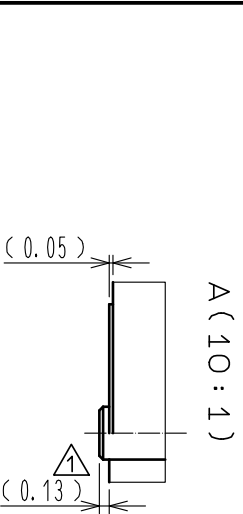
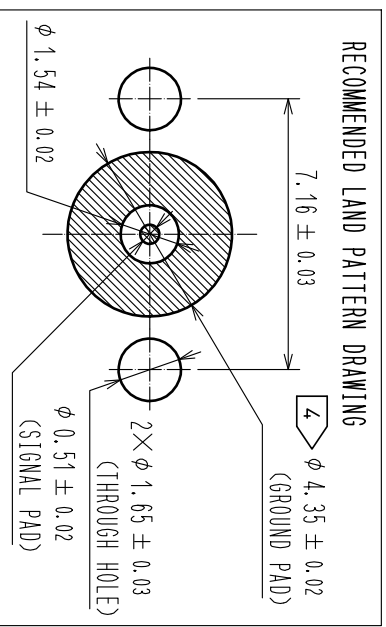
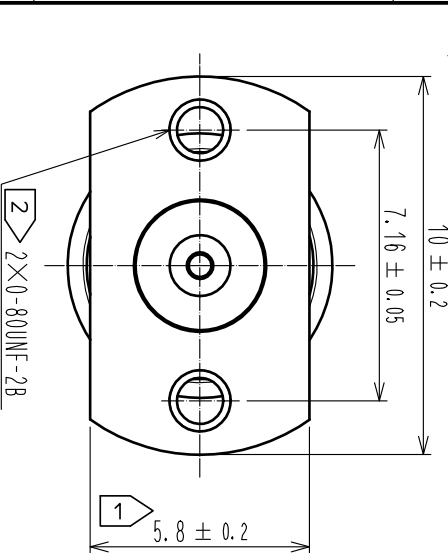
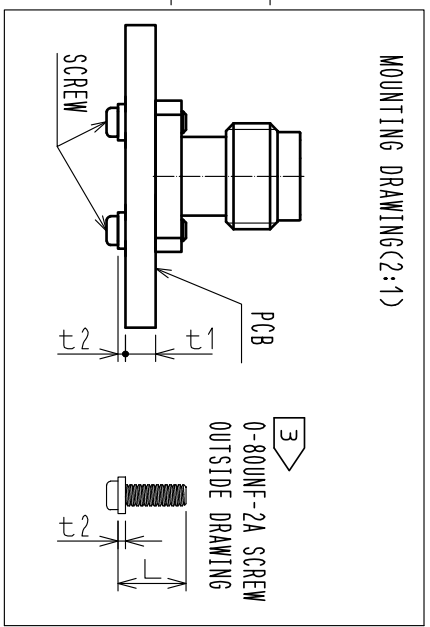
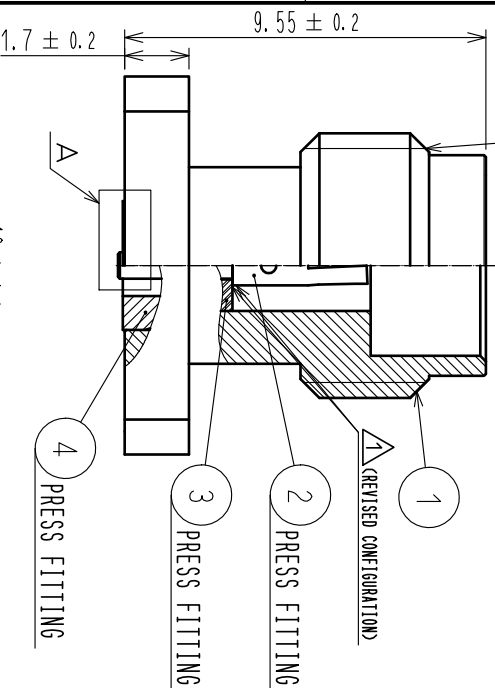


<b>APPLICABLE STANDARD</b>		MIL-STD-348B		<b>STORAGE TEMPERATURE RANGE</b>		-55°C TO +50°C(95%RH MAX)	
<b>RATING</b>		OPERATING TEMPERATURE RANGE -55°C TO +105°C(95%RH MAX)		<b>CHARACTERISTIC IMPEDANCE</b>		50Ω ( 0 TO 50 GHz)	
<b>POWER</b>		_____ W		<b>APPLICABLE CABLE</b>		_____	
<b>PECULIARITY</b>		_____					
<b>SPECIFICATIONS</b>							
<b>ITEM</b>				<b>TEST METHOD</b>		<b>REQUIREMENTS</b>	
<b>CONSTRUCTION</b>				VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	
<b>GENERAL EXAMINATION</b>				CONFIRMED VISUALLY.			
<b>MARKING</b>							
<b>ELECTRIC CHARACTERISTICS</b>							
<b>CONTACT RESISTANCE</b>		100 mA MAX (DC OR 1000 Hz).		<b>CENTER CONTACT</b>		4 mΩ MAX.	
<b>INSULATION RESISTANCE</b>		500 V DC.		<b>OUTER CONTACT</b>		2 mΩ MAX.	
<b>VOLTAGE PROOF</b>		500 V AC FOR 1 min. CURRENT LEAKAGE 2mA MAX.				5000 MΩ MIN.	
<b>VOLTAGE STANDING WAVE RATIO</b>		FREQUENCY 0.045 TO 50 GHz. TEST METHOD IS BACK TO BACK.		<b>VSWR</b>		1.35 MAX. (0.045 TO 26.5GHz) 1.40 MAX. (26.5 TO 40GHz) 1.45 MAX (40 TO 50GHz)	
<b>INSERTION LOSS</b>		FREQUENCY TO GHz				dB MAX.	
<b>MECHANICAL CHARACTERISTICS</b>							
<b>CONTACT INSERTION AND EXTRACTION FORCES</b>		EXTRACTION GAUGE: φ0.495 <sup>0</sup> <sub>-0.005</sub> STEEL GAUGE		<b>INSERTION FORCE</b>		N MAX.	
<b>INSERTION AND WITHDRAWAL FORCES</b>		MEASURED BY APPLICABLE CONNECTOR.		<b>EXTRACTION FORCE</b>		0.2-2 N MIN. N MAX.	
<b>MECHANICAL OPERATION</b>		500 TIMES INSERTIONS AND EXTRACTIONS.		<b>INSERTION FORCE</b>		N MAX. N MIN.	
<b>VIBRATION</b>		FREQUENCY 10 TO 2000 Hz SINGLE AMPLITUDE 0.75 mm, 196 ms <sup>2</sup> AT 10 CYCLES FOR 3 DIRECTIONS.		<b>EXTRACTION FORCE</b>		N MAX. N MIN.	
<b>SHOCK</b>		980 ms <sup>2</sup> DIRECTIONS OF PULSE 6 ms AT 3 TIMES FOR 3 DIRECTIONS.		<b>EXTRACTION FORCE</b>		N MAX. N MIN.	
<b>ENVIRONMENTAL CHARACTERISTICS</b>							
<b>DAMP HEAT,CYCLIC</b>		EXPOSED AT -10 TO +65 °C, 90~98 % TOTAL 10 CYCLES ( 240 h )		<b>1) INSULATION RESISTANCE:</b>		100 MΩ MIN. (AT HIGH HUMIDITY)	
<b>RAPID CHANGE OF TEMPERATURE</b>		TEMPERATURE -55 → -- → +105 → -- °C TIME 30 → 3 → 30 → 3 min. UNDER 5 CYCLES.		<b>2) INSULATION RESISTANCE:</b>		5000 MΩ MIN. (AT DRY)	
<b>CORROSION SALT MIST</b>		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		<b>3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.</b>			
<b>COUNT</b>		<b>DESCRIPTION OF REVISIONS</b>		<b>DESIGNED</b>		<b>CHECKED</b>	
<b>REMARK</b>				<b>APPROVED</b>		<b>DATE</b>	
<b>RoHS COMPLIANT</b>				<b>CHECKED</b>			
<b>NOTE</b>		<b>1</b> MEASUREMENT STATE OF BACK TO BACK		<b>APPROVED</b>		KH. IKEDA 14.08.20	
<b>PORT1</b>		<b>PORT2</b>		<b>CHECKED</b>		MH. TSUGHIDA 14.08.20	
				<b>DESIGNED</b>		TS. SAWAI 14.08.19	
<b>DRAWN</b>		TS. SAWAI		<b>DATE</b>		14.08.19	
UNLESS OTHERWISE SPECIFIED, REFER TO MIL-STD-202.				DRAWING NO.		ELG4-356161-00	
Note Q.T. Qualification Test AT. Assurance Test X. Applicable Test							
<b>SPECIFICATION SHEET</b>		<b>PART NO.</b>		<b>H2. 4-R-SR2</b>			
HIROSE ELECTRIC CO., LTD.		<b>CODE NO.</b>		CL338-0601-8-00			
FORM HD0011-2-1						1/1	

DRAWING FOR REFERENCE: This is subject to change without notice



- 1 WHEN MATING THE CONNECTOR, PLEASE HOLD THE FRAISE WITH SPANNER NOT TO PLACE STRESS ON PCB BY THE TORQUE.
- 2 0-80UNF-2B SCREW TIGHTENING TORQUE IS 0.09N · m.
- 3 PLEASE USE A PCB MOUNTING SCREW OF THE LENGTH OF L(mm) THE LENGTH OF L(mm) IS PCB THICKNESS t1(mm) + SPRING WASHER THICKNESS t2(mm) + 2(mm). PLEASE USE A SCREW WITH A SPRING WASHER.
- 4 RESIST OF INSIDE OF  $\phi 4.35 \pm 0.02$  (GROUND PAD) IS PROHIBITED.



RoHS COMPLIANT

2	BERYLLIUM COPPER	GOLD PLATING	4	STAINLESS STEEL	GOLD PLATING
1	STAINLESS STEEL	PASSIVATE	3	PTFE	

NO.	MATERIAL	FINISH	REMARKS	NO.	MATERIAL	FINISH	REMARKS
UNITS	mm	SCALE	5 : 1	COUNT	2	DESCRIPTION OF REVISIONS	DIS-D-00000411
APPROVED	KH. IKEDA	14.08.20	DRAWING NO.	EDC4-356161-00	CHECKED	15.07.23	DATE
CHECKED	MH. TSUCHIDA	14.08.20	PART NO.	H2.4-R-SR2	DESIGNED	KY. SHIMIZU	
DESIGNED	TS. SAWAI	14.08.19	CODE NO.	CL338-0601-8-00			
DRAWN	TS. SAWAI	14.08.19					

**HRS** HIROSE ELECTRIC CO., LTD.