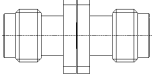
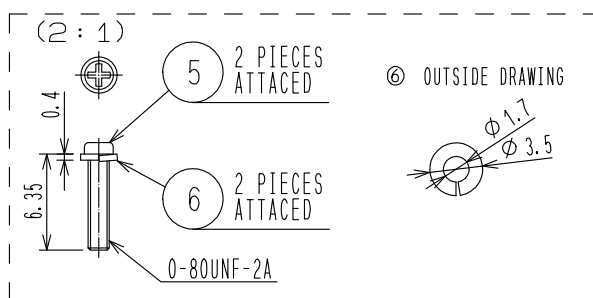
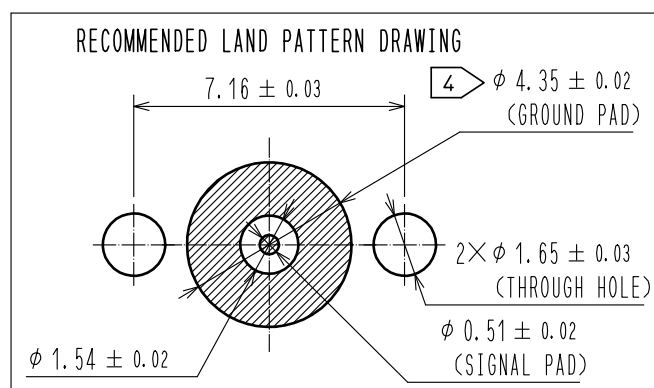
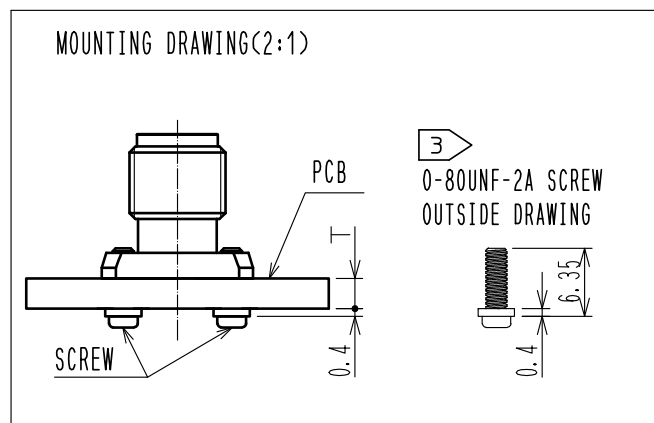
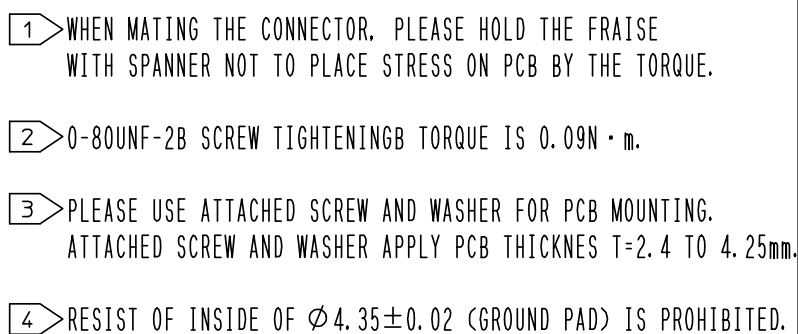
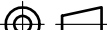


APPLICABLE STANDARD		MIL-STD-348B			
RATING	OPERATING TEMPERATURE RANGE	-55°C TO +105°C(95%RH MAX)		STORAGE TEMPERATURE RANGE	-55°C TO +50°C(95%RH MAX)
	POWER	_____ W		CHARACTERISTIC IMPEDANCE	50 Ω (0 TO 40 GHz)
	PECULIARITY	_____		APPLICABLE CABLE	_____
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	QT AT
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	× ×
MARKING		CONFIRMED VISUALLY.			— —
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE		100 mA MAX (DC OR 1000 Hz).		CENTER CONTACT 4 mΩ MAX.	× ×
				OUTER CONTACT 2 mΩ MAX.	× ×
INSULATION RESISTANCE		500 V DC.		1000 MΩ MIN.	× ×
VOLTAGE PROOF		500 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.		NO FLASHOVER OR BREAKDOWN.	× ×
VOLTAGE STANDING WAVE RATIO		FREQUENCY 0.04 TO 40 GHz.		VSWR 1.10 MAX. (0.04 TO 18GHz)	△ × —
		TEST METHOD IS BACK TO BACK.		VSWR 1.15 MAX. (18 TO 26.5GHz)	
				VSWR 1.30 MAX. (26.5 TO 40GHz)	
INSERTION LOSS		FREQUENCY TO GHz		dB MAX.	— —
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND EXTRACTION FORCES		EXTRACTION GAUGE: $\phi 0.9195 \begin{smallmatrix} 0 \\ -0.0025 \end{smallmatrix}$ STEEL GAUGE.		INSERTION FORCE N MAX.	— —
				EXTRACTION FORCE 0.4 N MIN.	× ×
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.		INSERTION FORCE N MAX.	— —
				EXTRACTION FORCE N MIN.	— —
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS.		1) CONTACT RESISTANCE: CENTER CONTACT 6 mΩ MAX. OUTER CONTACT 4 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	× —
VIBRATION		FREQUENCY 10 TO 2000 Hz SINGLE AMPLITUDE 0.75 mm, 196 m/s ² AT 12 CYCLES FOR 3 DIRECTIONS.		1) NO ELECTRICAL DISCONTINUITY OF 1 μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	× —
SHOCK		1960 m/s ² DIRECTIONS OF PULSE 6 ms AT 3 TIMES FOR 3 DIRECTIONS.			× —
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT,CYCLIC		EXPOSED AT -10 TO +65 °C, 90~98 % TOTAL 10 CYCLES (240 h)		1) INSULATION RESISTANCE: 100 MΩ MIN. (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: 1000 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	× —
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → — → +105 → — °C TIME 30 → 3 → 30 → 3 min. UNDER 5 CYCLES.		NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	× —
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		NO HEAVY CORROSION.	× —
COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
1	DIS-D-003376		TP. MATSUMOTO	MH. TSUCHIDA	14. 08. 22
REMARK			APPROVED	MH. YAMANE	14. 04. 22
RoHS COMPLIANT			CHECKED	MH. TSUCHIDA	14. 04. 18
NOTE 1 MEASUREMENT STATE OF BACK TO BACK			DESIGNED	TP. MATSUMOTO	14. 04. 17
PORT1  PORT2			DRAWN	TP. MATSUMOTO	14. 04. 17
UNLESS OTHERWISE SPECIFIED, REFER TO MIL-STD-202.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-357435-00
	SPECIFICATION SHEET		PART NO.	HK-R-SR2	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL338-0077-2-00	△ 1/1



3	STAINLESS STEEL	GOLD PLATING			6	STAINLESS STEEL	SPRING WASHER		
2	PTFE				5	STEEL	O-80UNF-2A SCREW		
1	STAINLESS STEEL	PASSIVATE			4	BERYLLIUM COPPER	GOLD PLATING		
NO.	MATERIAL	FINISH . REMARKS			NO.	MATERIAL	FINISH . REMARKS		
UNITS mm		SCALE 5 : 1		COUNT 2	DESCRIPTION OF REVISIONS DIS-D-00000419		DESIGNED NK. OOSAWA	CHECKED TO. KATAYAMA	DATE 15. 07. 27
 HIROSE ELECTRIC CO., LTD.		APPROVED : KY. SHIMIZU 14. 12. 18			DRAWING NO. EDC4-357435-01				
		CHECKED : KY. SHIMIZU 14. 12. 18			PART NO. HK-R-SR2(11)				
		DESIGNED : TP. MATSUMOTO 14. 12. 09			CODE NO. CL338-0077-2-11				
		DRAWN : TP. MATSUMOTO 14. 12. 09			 				