Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

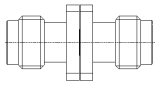
APPLICABLE STANDARD		MIL-STD-348B		
RATING	OPERATING TEMPERATURE RANGE	−55°C TO +105°C(95%RH MAX)	STORAGE TEMPERATURE RANGE	−55°C TO +50°C(95%RH MAX)
	POWER	——— W	CHARACTERISTIC IMPEDANCE	50Ω (0 TO 40 GHz)
	PECULIARITY	———	APPLICABLE CABLE	———

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 1	FREQUENCY 0.04 TO 40 GHz. TEST METHOD IS BACK TO BACK.	VSWR 1.10 MAX. (0.04 TO 18GHz) △1 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: $\phi 0.9195\ ^{0}_{-0.0025}$ 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 mΩMAX. OUTER CONTACT 4 mΩMAX. 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	1	DIS-D-003376	TP. MATSUMOTO	MH. TSUCHIDA	14. 08. 22

REMARK
RoHS COMPLIANT
NOTE 1 MEASUREMENT STATE OF BACK TO BACK



UNLESS OTHERWISE SPECIFIED, REFER TO MIL-STD-202.

APPROVED	MH. YAMANE	14. 04. 22
CHECKED	MH. TSUCHIDA	14. 04. 18
DESIGNED	TP. MATSUMOTO	14. 04. 17
DRAWN	TP. MATSUMOTO	14. 04. 17

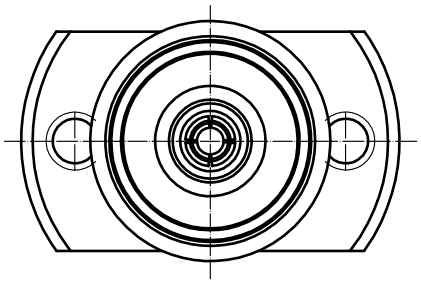
Note QT:Qualification Test AT:Assurance Test X:Applicable Test

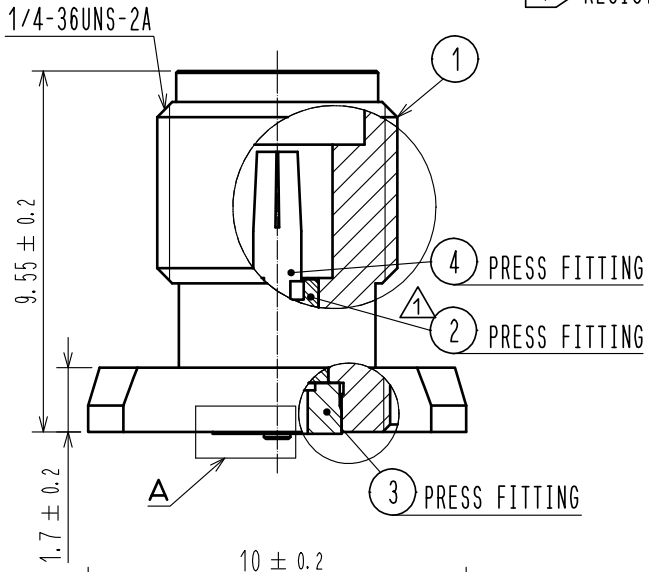
DRAWING NO. ELC4-357435-00

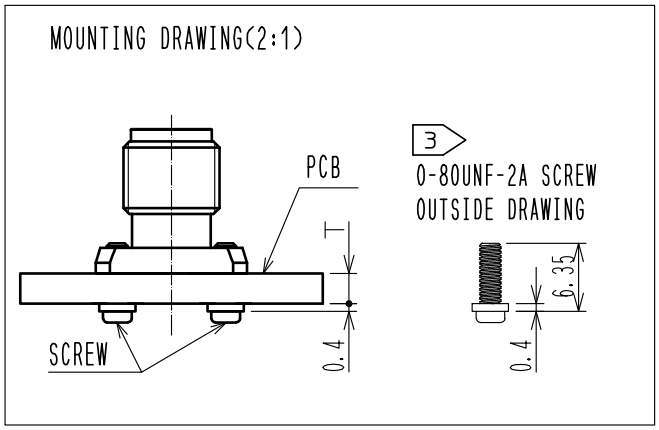
HRS	SPECIFICATION SHEET	PART NO.	HK-R-SR2	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL338-0077-2-00 △1	1/1

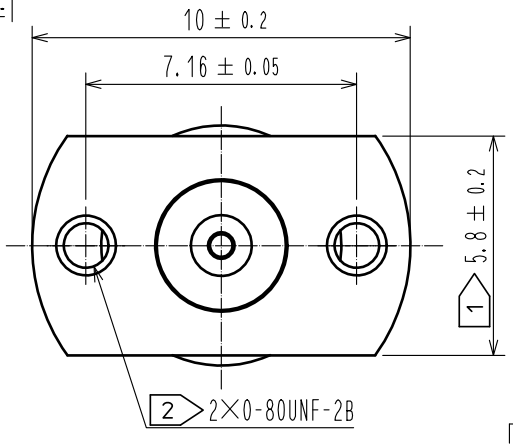
FORM HD0011-2-1

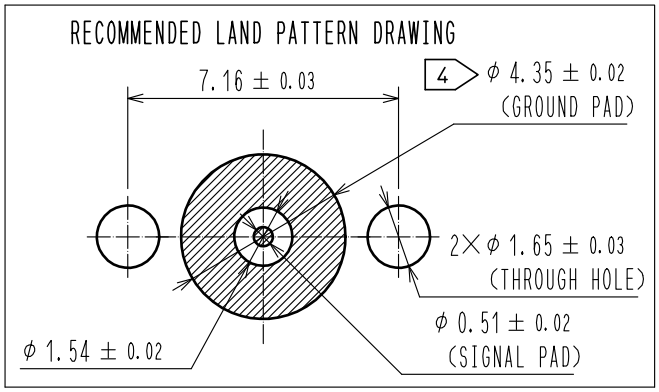
1. WHEN MATING THE CONNECTOR, PLEASE HOLD THE FRAISE WITH SPANNER NOT TO PLACE STRESS ON PCB BY THE TORQUE.
2. 0-80UNF-2B SCREW TIGHTENINGB TORQUE IS 0.09N・m.
3. PLEASE USE ATTACHED SCREW AND WASHER FOR PCB MOUNTING. ATTACHED SCREW AND WASHER APPLY PCB THICKNES T=2.4 TO 4.25mm.
4. RESIST OF INSIDE OF φ4.35±0.02 (GROUND PAD) IS PROHIBITED.

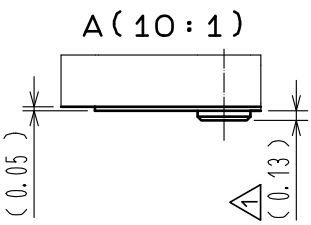


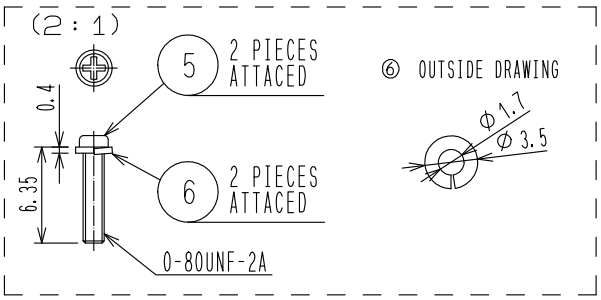


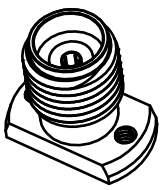












RoHS COMPLIANT

NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
3	STAINLESS STEEL	GOLD PLATING	6	STAINLESS STEEL	SPRING WASHER
2	PTFE		5	STEEL	0-80UNF-2A SCREW
1	STAINLESS STEEL	PASSIVATE	4	BERYLLIUM COPPER	GOLD PLATING

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	5 : 1	1	2	DIS-D-00000419	NK. OOSAWA	TO. KATAYAMA	15. 07. 27

HIROSE ELECTRIC CO., LTD.

APPROVED	KY. SHIMIZU	14. 12. 18
CHECKED	KY. SHIMIZU	14. 12. 18
DESIGNED	TP. MATSUMOTO	14. 12. 09
DRAWN	TP. MATSUMOTO	14. 12. 09

DRAWING NO.	EDC4-357435-01
PART NO.	HK-R-SR2(11)
CODE NO.	CL338-0077-2-11

1/1