APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	−55°C TO +85°C(95%RH MAX)	STORAGE TEMPERATURE RANGE	−55°C TO +85°C(95%RH MAX)
	POWER	——— W	CHARACTERISTIC IMPEDANCE	50Ω (0 TO 28 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 4 mΩ MAX.	×	×
INSULATION RESISTANCE	500 V DC.	5000 MΩ MIN.	×	×
VOLTAGE PROOF	1000 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.	NO FLASHOVER OR BREAKDOWN.	×	×
VOLTAGE STANDING WAVE RATIO	FREQUENCY 0.045 TO 28 GHz.	VSWR 1.4 MAX. (0.045 TO 20GHz) VSWR 1.7 MAX. (20 TO 28GHz)	×	—
INSERTION LOSS	FREQUENCY TO GHz	dB MAX.	—	—
MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND EXTRACTION FORCES	EXTRACTION GAUGE: $\phi 0.9017\ ^{0}_{-0.0025}$STEEL GAUGE.	INSERTION FORCE N MAX.	—	—
		EXTRACTION FORCE 0.3 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 6 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 10 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 +25 TO +65 °C, 90～98 % TOTAL 10 CYCLES (240 h)	1) INSULATION RESISTANCE: 100 MΩ MIN. (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: 5000 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE −55 → -- → +85 → -- °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
A					

REMARK
RoHS COMPLIANT
THE COUPLING TIGHTENING TORQUE : 0.6 TO 0.8N・m

APPROVED	MH. YAMANE	12. 02. 08
CHECKED	MH. TSUCHIDA	12. 02. 08
DESIGNED	RO. YOKOYAMA	12. 02. 07
DRAWN	RO. YOKOYAMA	12. 02. 07

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

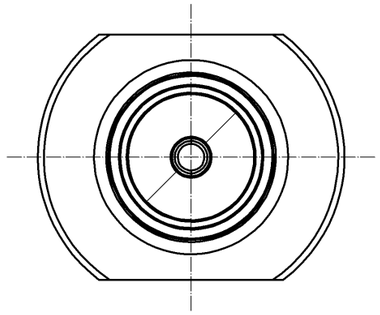
DRAWING NO. ELC4-342452-00

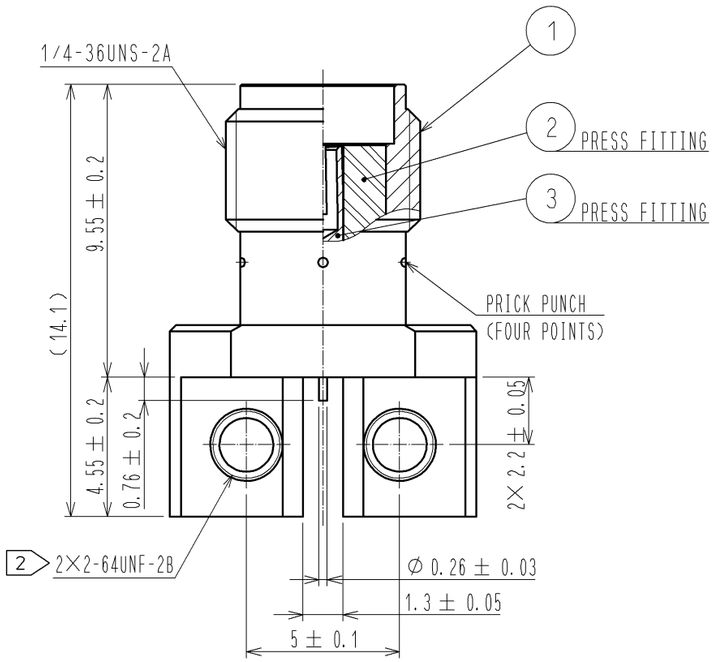
HRS	SPECIFICATION SHEET	PART NO.	HRM(G)-300-467B-1	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL323-0937-0-00	A 1/1

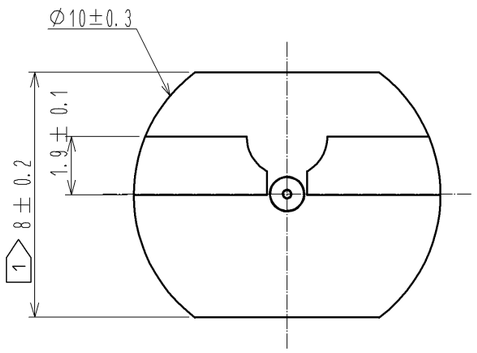
FORM HD0011-2-1

DRAWING FOR REFERENCE:This is subject to change without notice

2015/01/22 12:04:29(JST) HK.HORINO





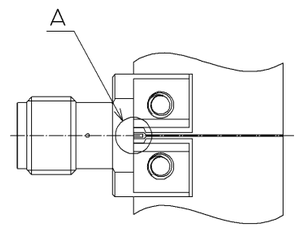


NOTES 1 WHEN THE MATING CONNECTOR, PLEASE HOLD MILLING AREA OF 8±0.2 WITH A WRENCH.

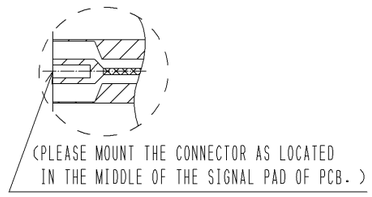
2 2-64UNF-2B SCREW TIGHTENING TORQUE IS 0.23 N・m

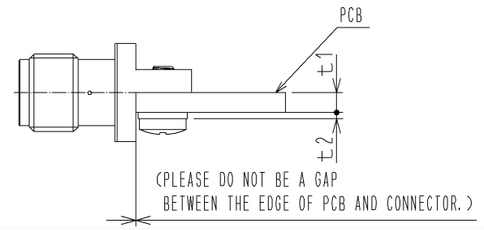
3 PLEASE USE A PCB MOUNTING SCREW OF THE LENGTH OF L(mm).
THE LENGTH OF L(mm) IS PCB THICKNESS t1(mm) + SPRING WASHER THICKNESS t2(mm) + 2(mm).
PLEASE USE A SCREW WITH SPRING WASHER.

MOUNTING OF CONNECTOR
(1) WHEN THE CONNECTOR IS MOUNTED ON PCB, PLEASE DO NOT BE A GAP BETWEEN THE EDGE OF PCB AND CONNECTOR.
(2) PLEASE MOUNT THE CONNECTOR AS LOCATED IN THE MIDDLE OF THE SIGNAL PAD OF PCB.
(3) SOLDERING CONDITIONS:
FOR THE MANUAL SOLDERING, SOLDERING IRON BIT TEMPERATURE IS 380 ° C MAX. FOR 5 SECONDS MAX.

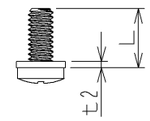


A(10:1)

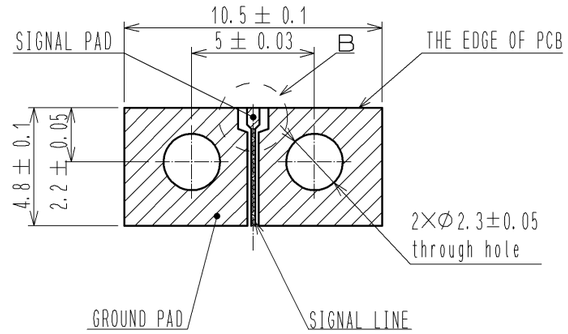




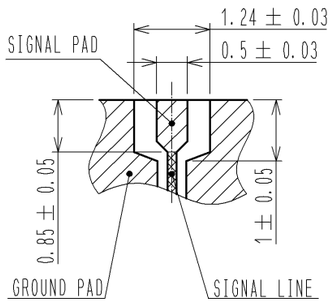
3 2-64UNF-2A SCREW OUTSIDE DRAWING



RECOMMENDED PC BOARD PATTERN DRAWING(4:1)



B(10:1)



PLEASE DESIGN THE SIGNAL PAD AND SIGNAL LINE WITH 50 Ω.
REGIST FOR SIGNAL PAD AND GROUND PAD IS PROHIBITED.

RoHS COMPLIANT

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
2	PTFE				
1	BRASS	GOLD PLATING	3	BERYLLIUM COPPER	GOLD PLATING

UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	5 : 1	△				

HIROSE ELECTRIC CO., LTD.

APPROVED	MH. YAMANE	12.02.08	DRAWING NO.	EDC3-342452-00
CHECKED	MH. TSUCHIDA	12.02.08	PART NO.	HRM(G)-300-467B-1
DESIGNED	RO. YOKOYAMA	12.02.03	CODE NO.	CL323-0937-0-00 △ 1/1
DRAWN	RO. YOKOYAMA	12.02.03		