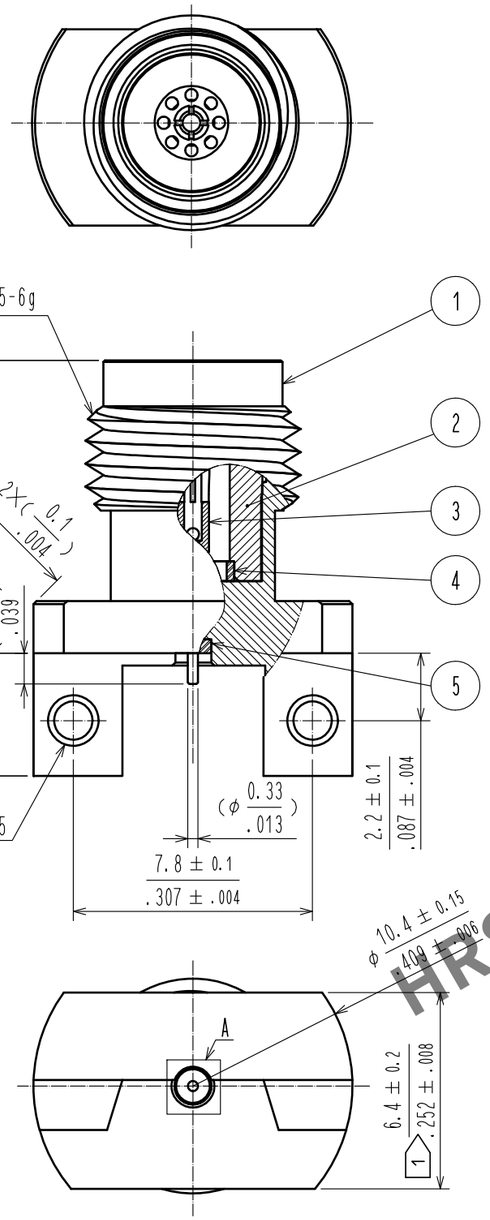
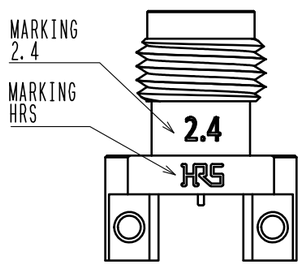
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Mar.1.2024
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

HRS DRAWING FOR REFERENCE

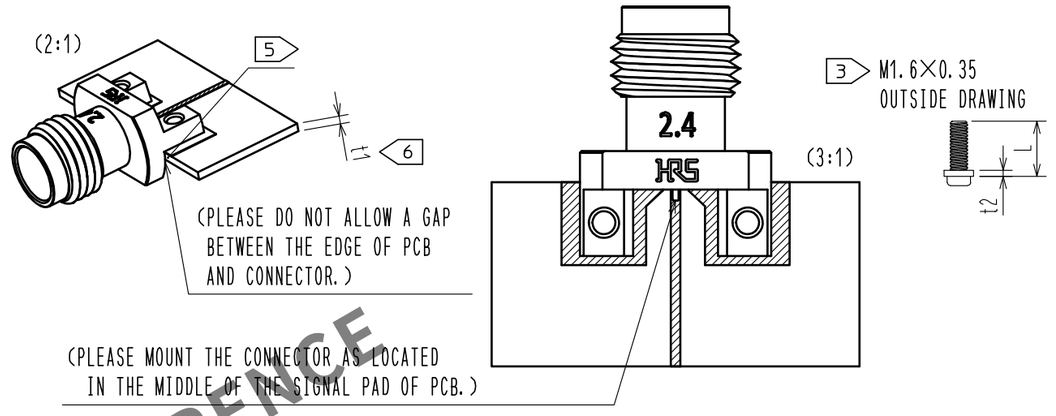


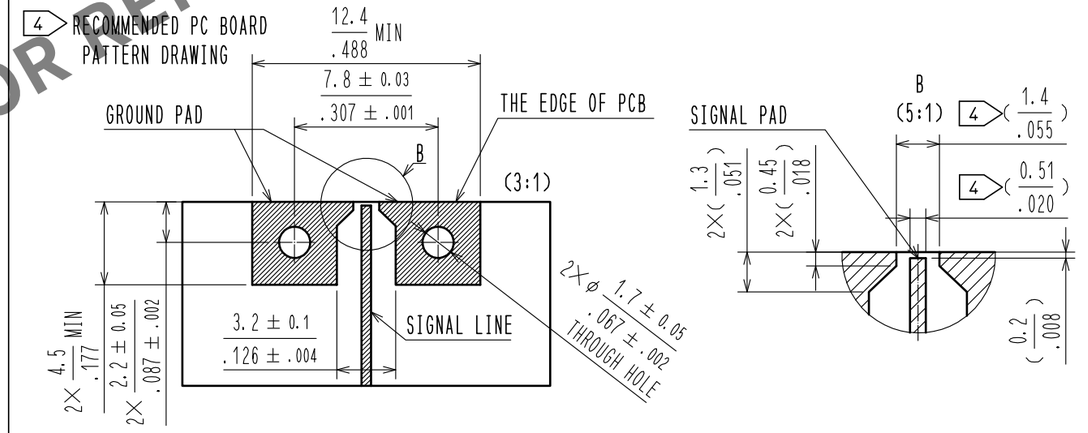
MARKING POSITION
(3:1)



MOUNTING OF CONNECTOR

(1) WHEN THE CONNECTOR IS MOUNTED ON PCB. PLEASE DO NOT ALLOW 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) SOLDER THE CENTER CONDUCTOR AFTER TWO SCREWS TO THE BOARD.
(4) FOR THE CENTER CONDUCTOR SOLDERING. SOLDERING IRON BIT TEMPERATURE IS 380℃ MAX. FOR 5 SECONDS MAX.





REGIST FOR SIGNAL PAD AND GROUND PAD IS PROHIBITED.

NOTES
1 WHEN MATING THE CONNECTOR , PLEASE HOLD MILLING AREA OF 6.4±0.2 WITH A WRENCH.
2 M1.6×0.35 SCREW TIGHTENING TORQUE IS 0.09 N・m. PLEASE TIGHTEN THE SCREWS EVENLY WHEN MOUNTING THE CONNECTORS TO ENSURE STABLE ELECTRICAL CONTACT.
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) + 1.8(mm).
PLEASE USE A SCREW WITH SPRING WASHER.
4 THE INDICATED DIMENSION IS THE CASE OF WHICH DIELECTRIC CONSTANT OF SUBSTRATE IS 3.6 AND THICKNESS IS t=0.25mm. LAND PATTERN LAYOUT DEPENDS ALSO ON ELECTRIC CONSTANT, THICKNESS AND LAYER CONSTRUCTION OF PCB. FOR BETTER PERFORMANCE, SIMULATION OF PCB WITH CONNECTOR IS RECOMMENDED.
5 SIDE PLATING OF THE BOARD IS RECOMMENDED.
6 RECOMMENDED PCB THICKNESS t1 IS GREATER THAN 1.0mm.

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
2	STAINLESS STEEL	PASSIVATE	5	POLYETHER IMIDE	
1	BRASS	GOLD PLATING	4	POLYETHER IMIDE	
			3	BERYLLIUM COPPER	GOLD PLATING

UNITS mm/inch	SCALE 5 : 1	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
		0				

HRS HIROSE ELECTRIC CO., LTD.

APPROVED	NK. NINOMIYA	20201009	DRAWING NO. EDC-381821-00-00
CHECKED	NK. NINOMIYA	20201009	PART NO. H2.4-LR-EL
DESIGNED	AH. MARUYAMA	20201009	
DRAWN	MS. MATSUMOTO	20201009	CODE NO. CL338-0012-0-00

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