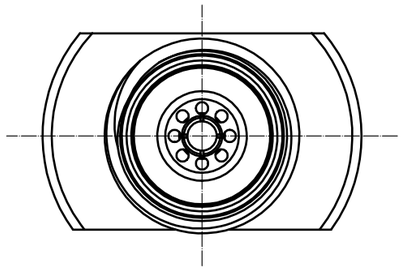
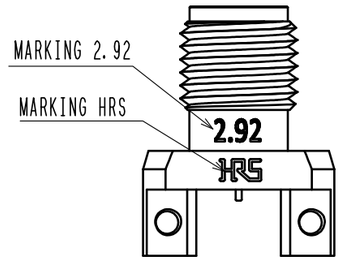
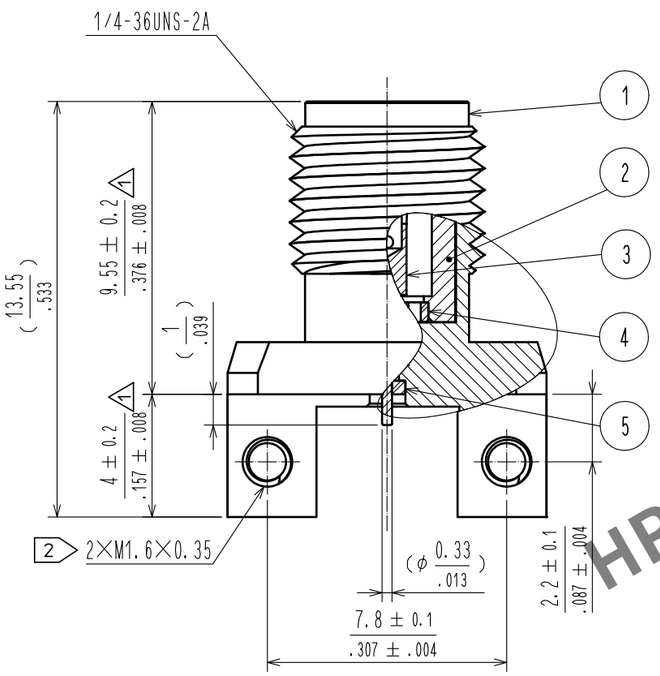
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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

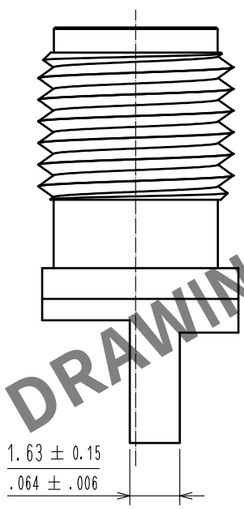
NOTES
1. WHEN MATING THE CONNECTOR, PLEASE HOLD MILLING AREA OF 6.4±0.2 [mm] WITH A SPANNER NOT TO PLACE STRESS ON PCB BY THE TORQUE.
2. M1.6×0.35 SCREW TIGHTENING TORQUE IS 0.09 [N・m].
3. PLEASE USE A PCB MOUNTING SCREW OF THE LENGTH OF L [mm].
   THE LENGTH OF L [mm] IS PCB THICKNESS t1 [mm] + SPRING WASHER THICKNESS t2 [mm] + 1.8 [mm].
4. THE INDICATED DIMENSION IS THE CASE OF WHICH DIELECTRIC CONSTANT OF SUBSTRATE IS 3.6 AND THICKNESS IS t=0.25[mm]. LAND PATTERN LAYOUT DEPENDS ALSO ON ELECTRIC CONSTANT, THICKNESS AND LAYER CONSTRUCTION OF PCB. FOR BETTER PERFORMANCE, EM SIMULATION OF PCB WITH CONNECTOR IS RECOMMENDED.
5. SIDE PLATING OF THE BOARD IS RECOMMENDED.
6. RECOMMENDED PCB THICKNESS t1 IS GREATER THAN 1.0 [mm]

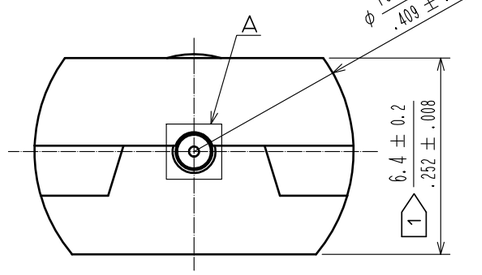


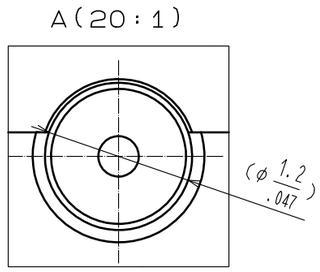
(3:1)





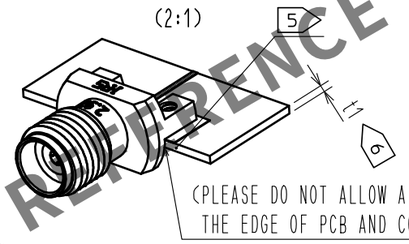


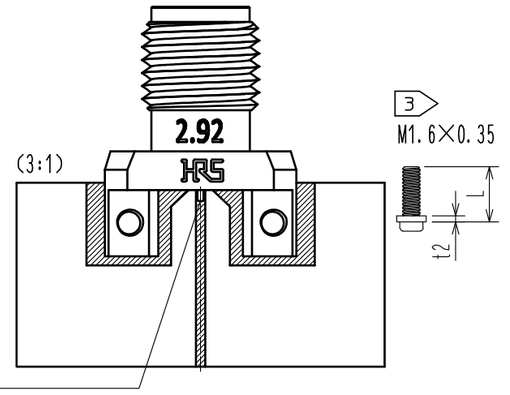




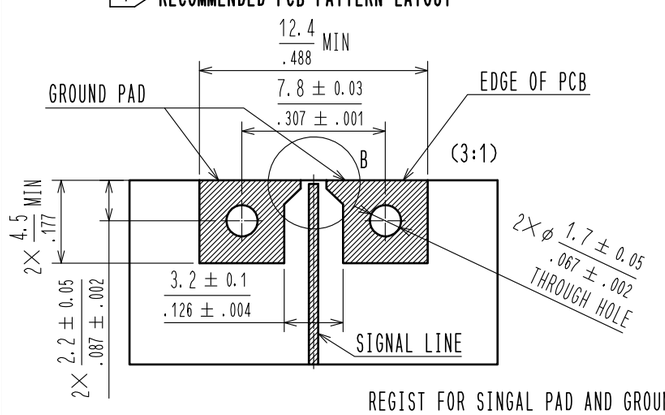
MOUNTING OF CONNECTOR

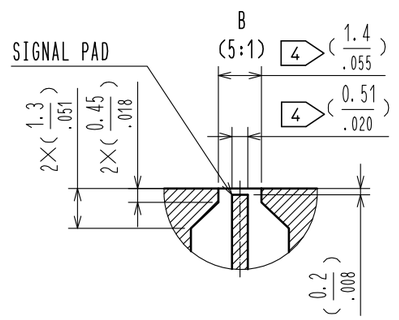
(1) WHEN THE CONNECTOR IS MOUNTED ON PCB, PLEASE DO NOT ALLOW A GAP BETWEEN THE EDGE OF PCB AND CONNECTOR.
(2) PLEASE MOUNT THE CONNECTOR AS LOCATED IN THE MIDDLE OF THE SIGNAL PAD OF PCB.
(3) SOLDERING OF CONDUCTOR SHOULD BE MADE AFTER MOUNTING THE CONNECTOR ON THE BOARD BY SCREWS.
(4) SOLDERING CONDITIONS: FOR THE MANUAL SOLDERING, SOLDERING IRON BIT TEMPERATURE IS 380℃ MAX. FOR 5 SECONDS MAX.





4 RECOMMENDED PCB PATTERN LAYOUT





REGIST FOR SINGAL PAD AND GROUND PAD IS PROHIBITED.

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
		1 3	DIS-D-00005284	AH. MARUYAMA	NK. NINOMIYA	20201009

APPROVED	KH. IKEDA	20180208	DRAWING NO. EDC-376836-00-00
CHECKED	TS. NOBE	20180208	PART NO. HK-LR-EL
DESIGNED	AH. MARUYAMA	20180208	
DRAWN	AH. MARUYAMA	20180208	CODE NO. CL338-0005-0-00

HIROSE ELECTRIC CO., LTD.

1/1

RoHS COMPLIANT

HRS DRAWING FOR REFERENCE