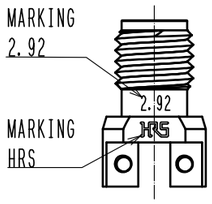
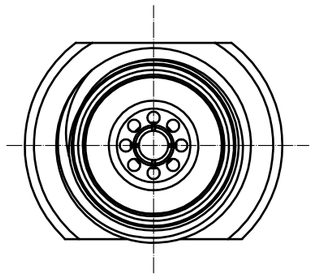
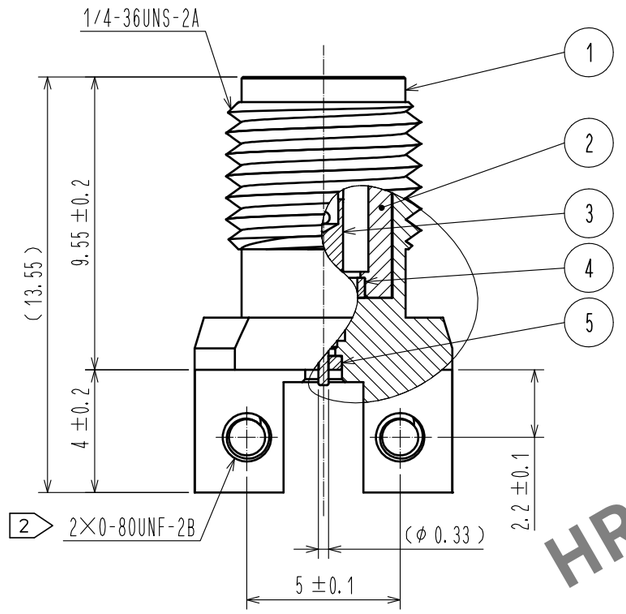
Feb.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

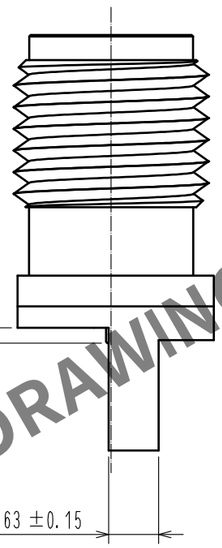
NOTES
1. WHEN MATING THE CONNECTOR , PLEASE HOLD MILLING AREA OF 6.4±0.2 WITH A SPANNER NOT TO PLACE STRESS ON PCB BY THE TORQUE.
2. 0-80UNF-2B SCREW TIGHTENING TORQUE IS 0.09 N・m. PLEASE TIGHTEN THE SCREWS EVENLY WHEN MOUNTING THE CONNECTORS TO ENSURE STABLE ELECTRICAL CONTACT.
3. PLEASE USE A PCB MOUNTING 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 3.35 AND THICKNESS IS t=0.2mm. 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. RECOMMENDED PCB THICKNESS t1 IS GREATER THAN 1.0mm.
6. SIDE PLATING OF THE BOARD IS RECOMMENDED.
4. 7. THIS PRODUCT IS A SOLDERLESS MOUNTED CONNECTOR FOR PROTOTYPE EVALUATION OF HIGH SPEED TRANSMISSION BOARDS. IT IS NOT RECOMMENDED FOR USE IN ACTUAL COMMERCIAL EQUIPMENT.

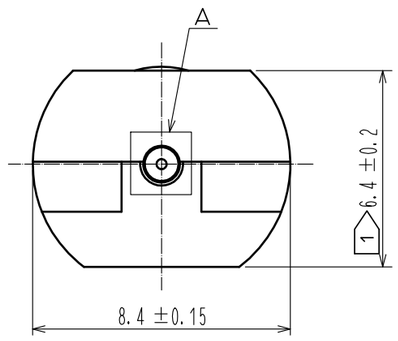
MARKING POSITION



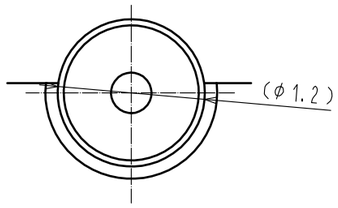




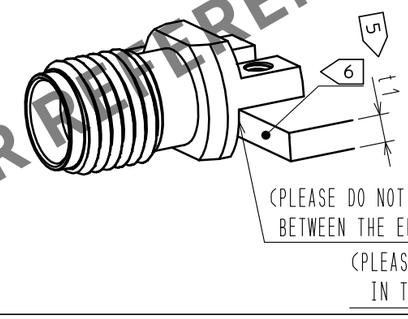


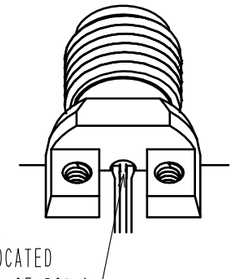


A (20 : 1)

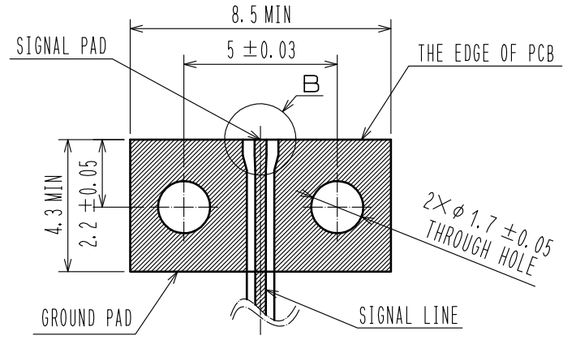


MOUNTING OF CONNECTOR
(1) WHEN THE CONNECTOR IS MOUNTED ON PCB. PLEASE DO NOT ALLOW A GAP BETWEEN THE EDGE OF PCB AND CONNECTOR.
(2) PLEASE MOUNT THE CONNECTOR AS LOCATED IN THE MIDDLE OF THE SIGNAL PAD OF PCB.
4 (DESCRIPTION DELETED)



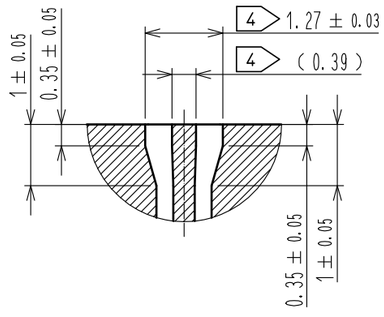


RECOMMENDED PC BOARD PATTERN DRAWING



REGIST FOR SIGNAL PAD AND GROUND PAD IS PROHIBITED.

(DRAWING CHANGED)
B(10 : 1)



HRS DRAWING FOR REFERENCE

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

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	5 : 1	4	2	DIS-D-00016754	YJ. HAGA	TS. KANEKO	20230904

HIROSE ELECTRIC CO., LTD.

APPROVED	KY. SHIMIZU	20160315	DRAWING NO. EDC-368891-00-00
CHECKED	KY. SHIMIZU	20160315	PART NO. HK-LR-SR2
DESIGNED	YI. FUNADA	20160315	
DRAWN	YI. FUNADA	20160315	CODE NO. CL0338-0079-0-00

4 1/1