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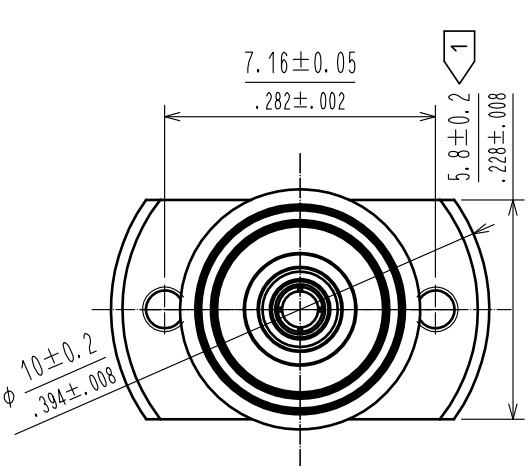
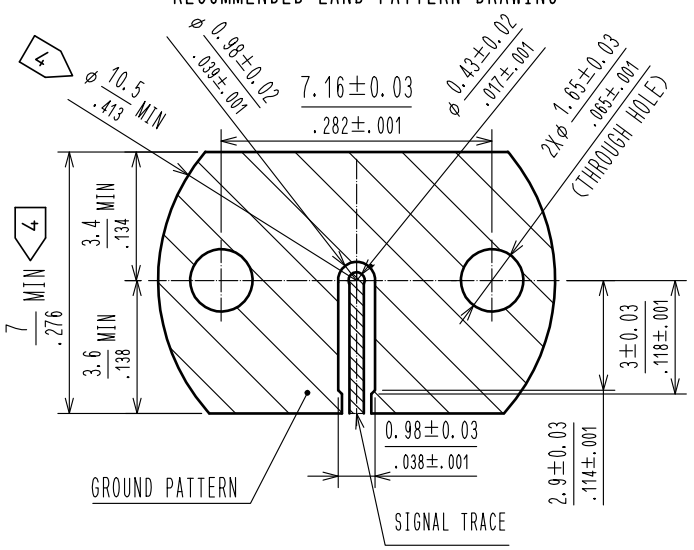
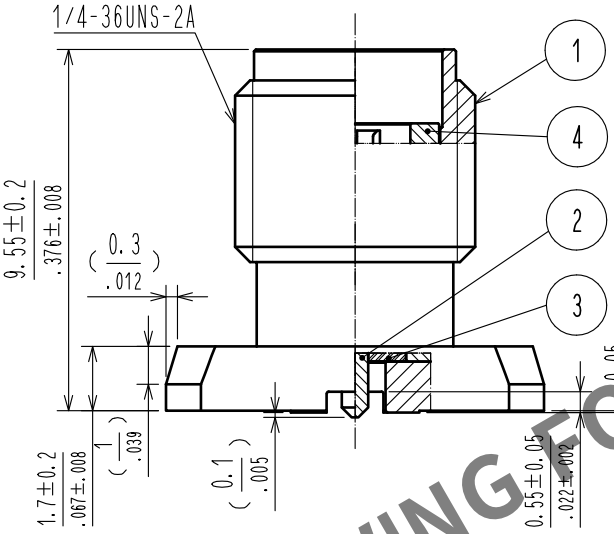
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

HRS DRAWING FOR REFERENCE



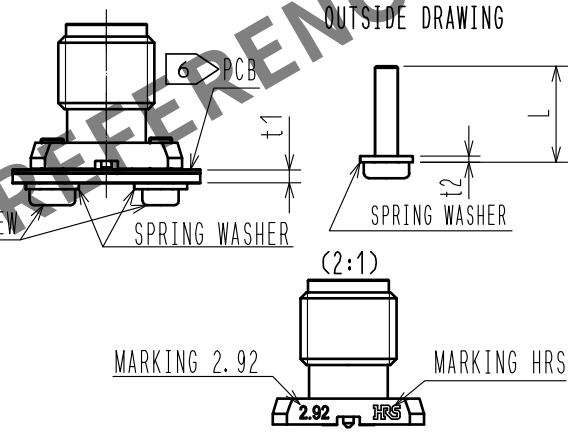
RECOMMENDED LAND PATTERN DRAWING

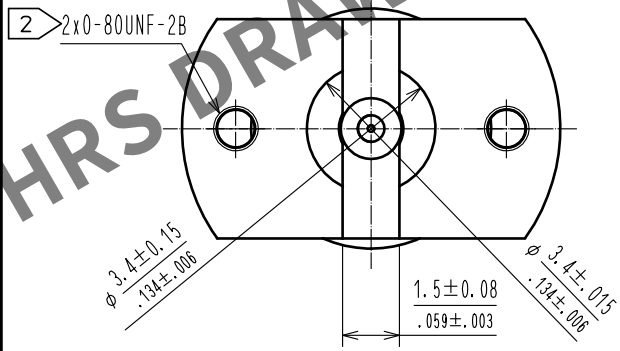




MOUNTING DRAWING (2:1)

3 M-80UNF-2A SCREW OUTSIDE DRAWING





1 WHEN MATING A PLUG CONNECTOR, PLEASE HOLD MILLING AREA OF 5.8±0.2 WITH A SPANNER NOT TO PLACE STRESS ON PCB BY THE TORQUE.

2 M-80UNF-2B SCREW TIGHTENING TORQUE IS 0.09N・m.

3 PLEASE USE SCREWS WITH LENGTH OF L WHEN MOUNTING, WHERE L = PCB THICKNESS t1 + SPRING WASHER THICKNESS t2 + 2mm.

4 RESIST IS PROHIBITED INSIDE THIS AREA.

5. 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.

6 PCB THICKNESS t1 SHOULD NOT BE LESS THAN 1mm.

7. TRACE PATTERN DEPENDS ALSO ON ELECTRIC CONSTANT, THICKNESS AND LAYER CONSTRACTION OF PCB. FOR BETTER RF PERFORMANCE, EM SIMULATION OF PCB WITH CONNECTOR IS RECOMMENDED.

NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
2	BERYLLIUM COPPER	GOLD PLATING	4	STAINLESS STEEL	PASSIVATED
1	STAINLESS STEEL	GOLD PLATING	3	PTFE	

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

HIROSE ELECTRIC CO., LTD.

APPROVED	TS. NOBE	20180822
CHECKED	HA. NISHIMURA	20180822
DESIGNED	MH. OGUSU	20180822
DRAWN	MH. OGUSU	20180822

DRAWING NO.	EDC-379164-00-00
PART NO.	HK-R-SR2-S
CODE NO.	CL0338-0006-0-00

2 1/1

FORM HC0011-5-51