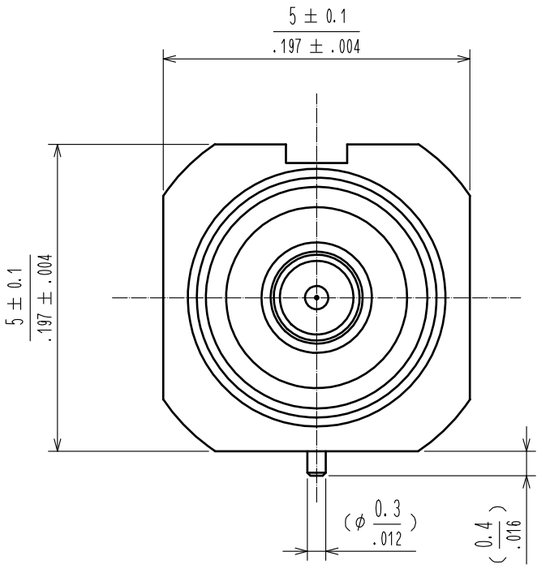
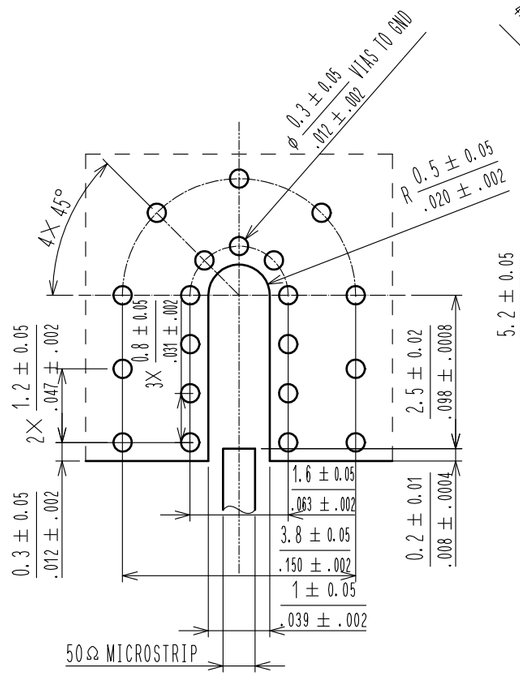
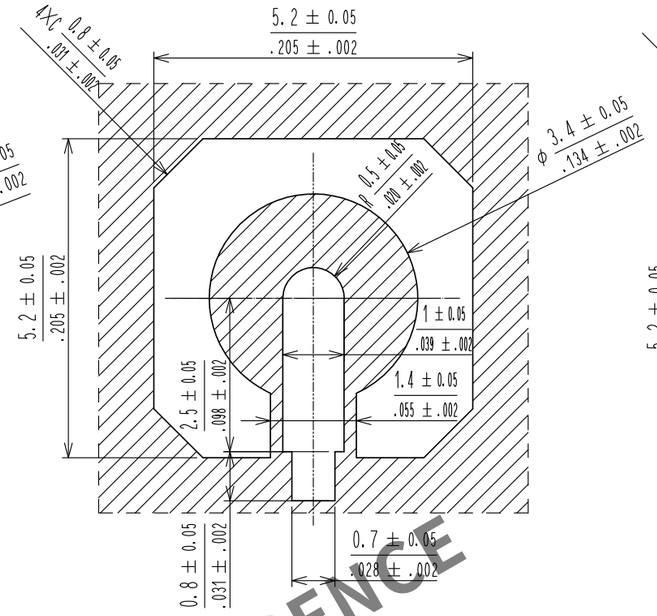
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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

HRS DRAWING FOR REFERENCE

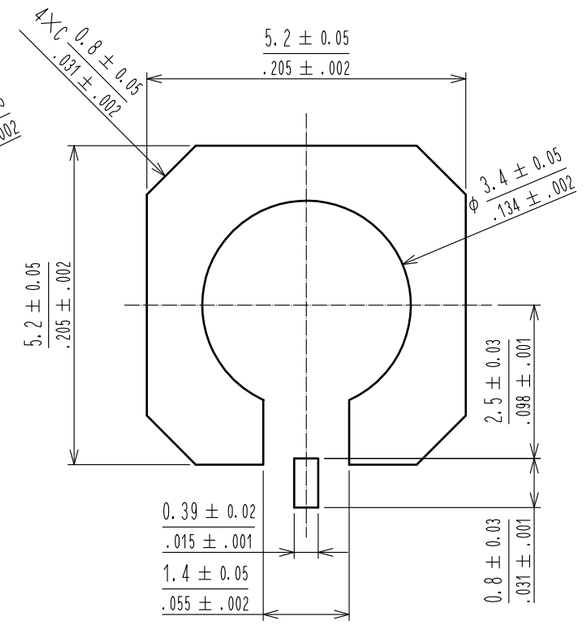




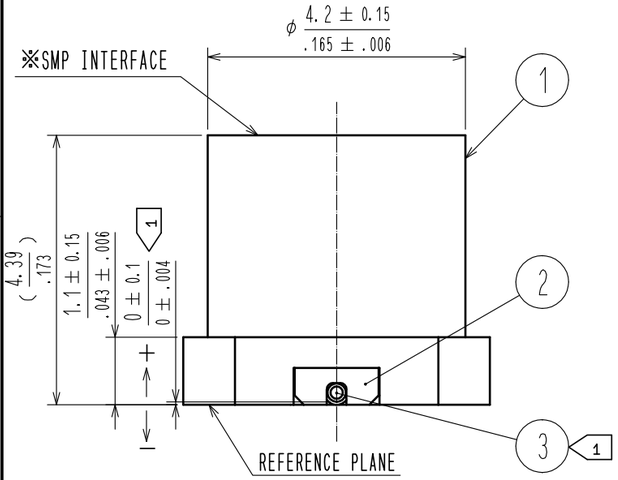
RECOMMENDED PCB LAYOUT

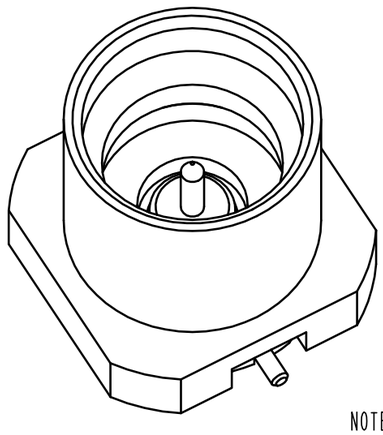


RECOMMENDED SOLDER RESIST LAYOUT

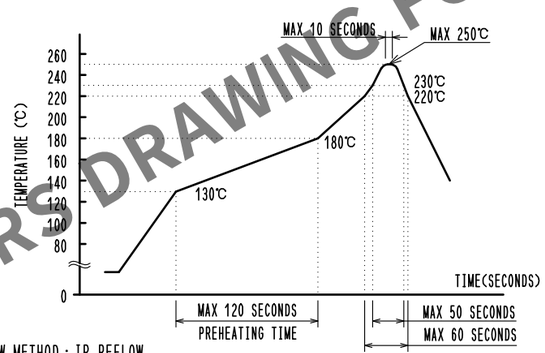


RECOMMENDED METAL MASK DIMENSIONS
METAL MASK THICKNESS:0.12mm/.005inch





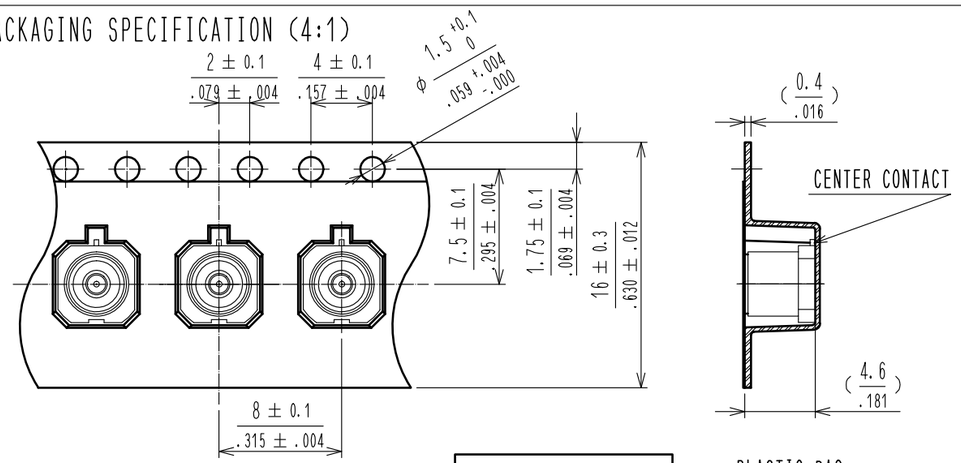
REFLOW TEMPERATURE PROFILE USING
LEAD-FREE SOLDER PASTE (REFERENCE)



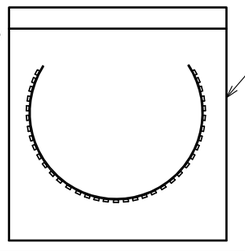
REFLOW METHOD : IR REFLOW
NUMBER OF REFLOW CYCLES : 2 CYCLES MAX
1)REFLOW TIME
  DURATION ABOVE 220℃, 60 SEC. MAX
  DURATION ABOVE 230℃, 50 SEC. MAX
  PEAK TEMPERATURE : 250℃ 10 SEC. MAX
2)PRE-HEAT TIME
  PRE-HEAT TEMPERATURE(MIN) : 130℃
  PRE-HEAT TEMPERATURE(MAX) : 180℃
  PRE-HEAT TIME : 120 SEC. MAX

THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE.
ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE.
PCB SIZE AND OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE, THEREFORE.
A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED PRIOR TO PRODUCTION.
TEMPERATURE IS MEASURED AT CONTACT LEAD.

PACKAGING SPECIFICATION (4:1)



DRAWING OF PACKING(FREE)
(100PCS PER REEL)



NOTE [1] THE POSITION OF THE TERMINAL TIP RELATIVE TO
THE REFERENCE PLANE IS ±0.1mm.

※INTERFACE : MIL-STD-348B FULL DETENT

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

UNITS [mm/in]	SCALE 10 : 1	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
		0				

HIROSE ELECTRIC CO., LTD.

APPROVED	TO. KATAYAMA	18. 03. 20
CHECKED	KY. SHIMIZU	18. 03. 20
DESIGNED	TK. SAWAGUCHI	18. 03. 19
DRAWN	TK. SAWAGUCHI	18. 03. 19

DRAWING NO.	EDC-373487-01-00
PART NO.	SMP-PR(FD)-SMT-1(01)
CODE NO.	CL338-1102-0-01

0 1/1