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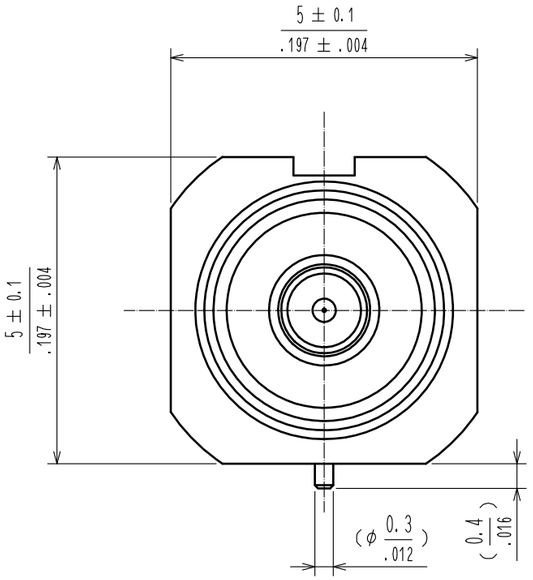
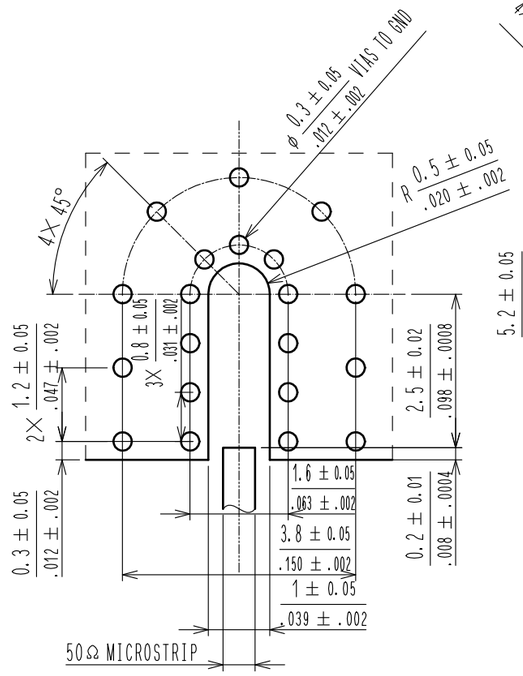
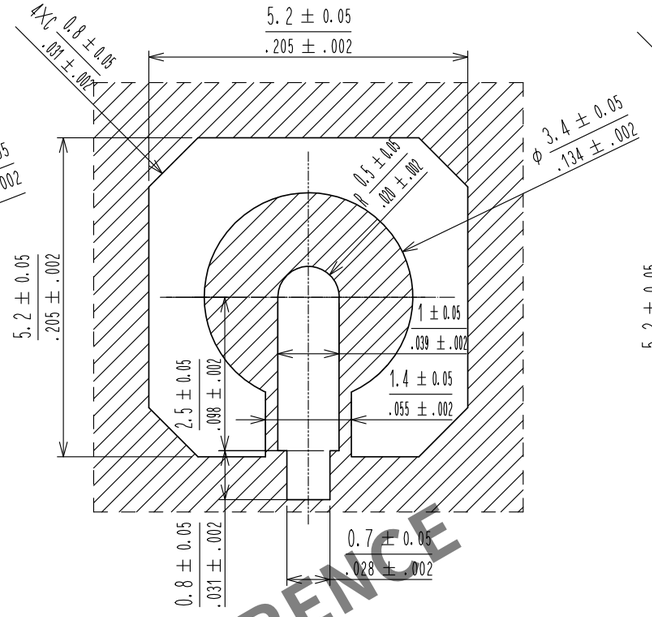
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

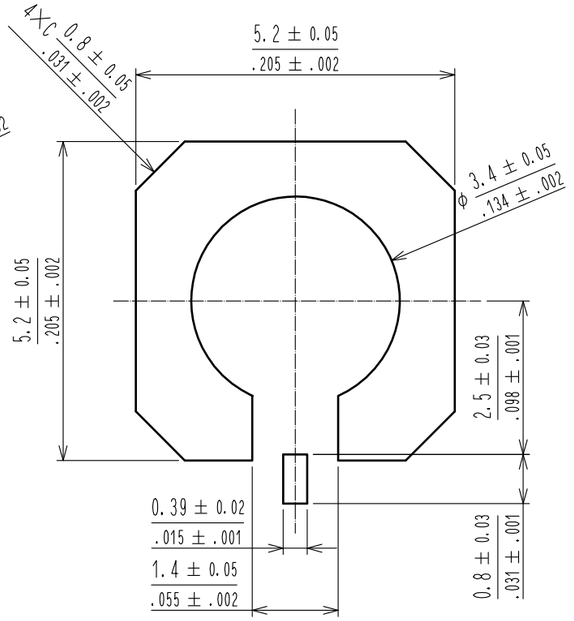




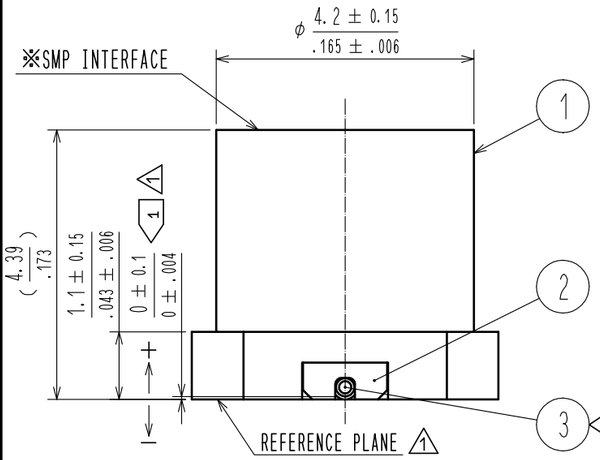
RECOMMENDED PCB LAYOUT

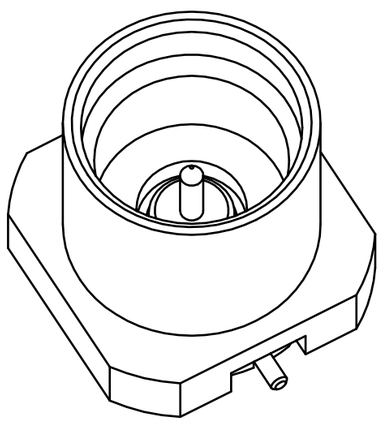


RECOMMENDED SOLDER RESIST LAYOUT

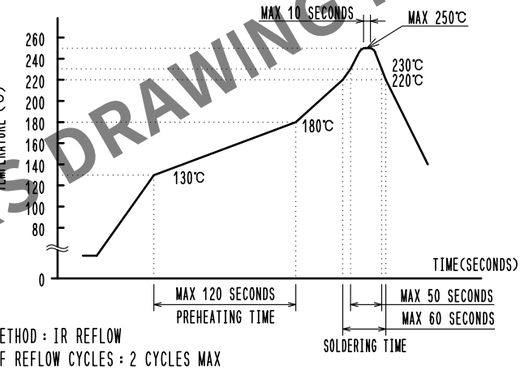


RECOMMENDED METAL MASK DIMENSIONS
METAL MASK THICKNESS:0.12mm/.005inch





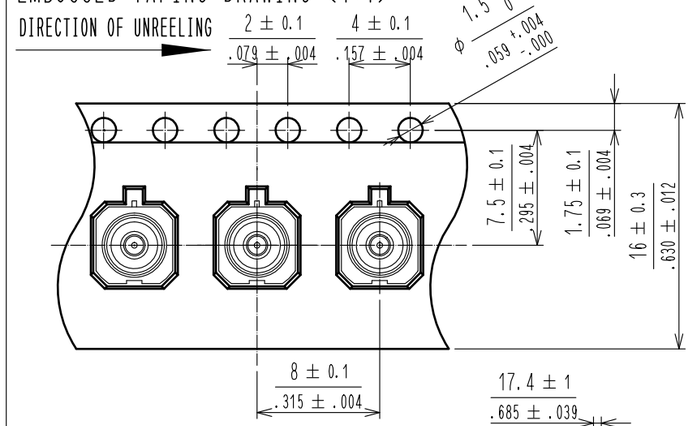
REFLOW TEMPERATURE PROFILE USING
LEAD-FREE SOLDER PASTE (REFERENCE)

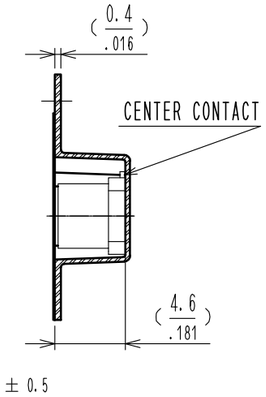


REFLOW METHOD : IR REFLOW
NUMBER OF REFLOW CYCLES : 2 CYCLES MAX
1)REFLOW TIME
  DURATION ABOVE 220℃, 60 SEC. MAX
  DURATION ABOVE 230℃, 50 SEC. MAX
  PEAK TEMPERATURE : 250℃ 10 SEC. MAX
2)PRE-HEAT TIME
  PRE-HEAT TEMPERATURE(MIN) : 130℃
  PRE-HEAT TEMPERATURE(MAX) : 180℃
  PRE-HEAT TIME : 120 SEC. MAX

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.

EMBOSSED TAPING DRAWING (4:1)





REEL DRAWING(SCALE FREE)
MATERIAL : PS(BLACK)
PACKING QUANTITY : 500pcs/REEL

A(SCALE FREE)

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

UNITS [mm/in]	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
	10 : 1	1	3	DIS-D-00002499	TK. SAWAGUCHI	KY. SHIMIZU	17.10.06

HIROSE ELECTRIC CO., LTD.

APPROVED	TO. KATAYAMA	17.09.05
CHECKED	KY. SHIMIZU	17.09.05
DESIGNED	TK. SAWAGUCHI	17.09.05
DRAWN	TK. SAWAGUCHI	17.09.05

DRAWING NO.	EDC-373489-00-00
PART NO.	SMP-PR(SB)-SMT-1
CODE NO.	CL338-1104-0-00

1 / 1

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

※INTERFACE : MIL-STD-348B SMOOTH BORE

RoHS COMPLIANT

HRS DRAWING FOR REFERENCE

FORM HC0011-5-7