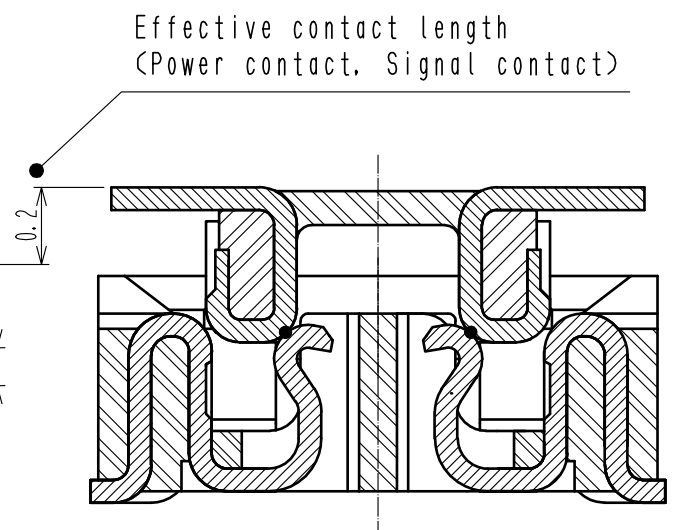
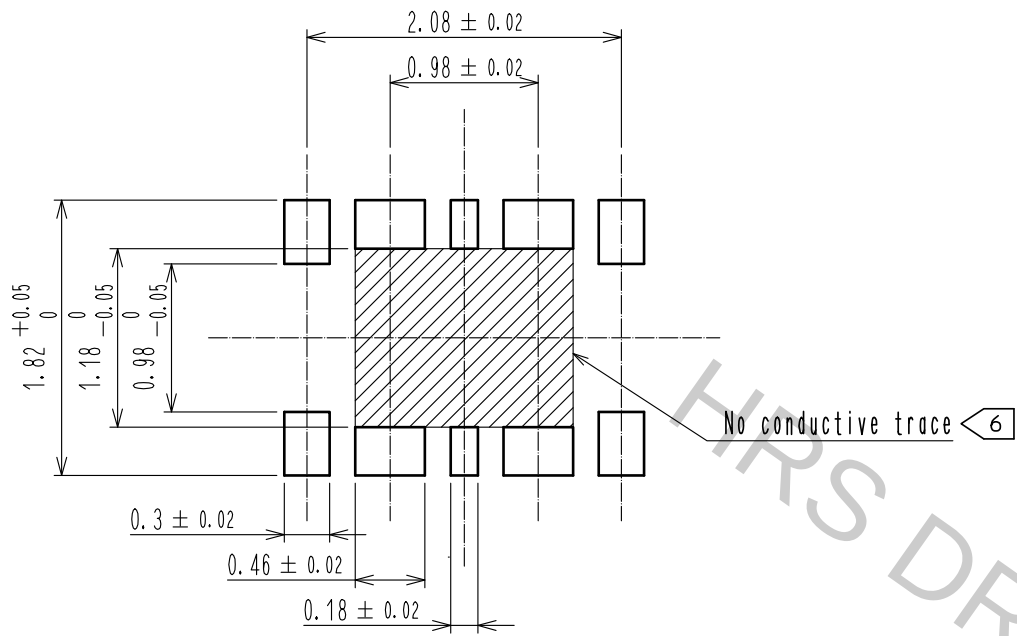




- | | | | | | | | | |
|--|-----------------|-----------------|--------------|--------------------------|-----------------------------------|--------------------------|---------|------|
| 4 | PHOSPHOR BRONZE | 2 | 8 | PS | CLEAR, REINFORCEMENT COLLAR | | | |
| 3 | PHOSPHOR BRONZE | 2 | 7 | PS | BLACK, PLASTIC REEL | | | |
| 2 | PHOSPHOR BRONZE | 2 | 6 | POLYESTER | CLEAR, COVER TAPE | | | |
| 1 | LCP | UL94 V-0, BLACK | 5 | PS | SMOKE GRAY, EMBOSSED CARRIER TAPE | | | |
| NO. | MATERIAL | FINISH | REMARKS | NO. | MATERIAL | FINISH | REMARKS | |
| UNITS
mm | | SCALE
20 : 1 | COUNT
 | DESCRIPTION OF REVISIONS | | DESIGNED | CHECKED | DATE |
|  HIROSE ELECTRIC CO., LTD. | | APPROVED | MO. ISHIDA | 16.01.06 | DRAWING NO. | EDC-362699-53-01 | | |
| | | CHECKED | WR. FUKUCHI | 16.01.06 | PART NO. | BM29B0.6-2DS/2-0.35V<53> | | |
| | | DESIGNED | TY. YAMASAKI | 16.01.06 | CODE NO. | CL673-7001-0-53 | | |
| | | DRAWN | KR. AJITO | 16.01.06 | | | | |

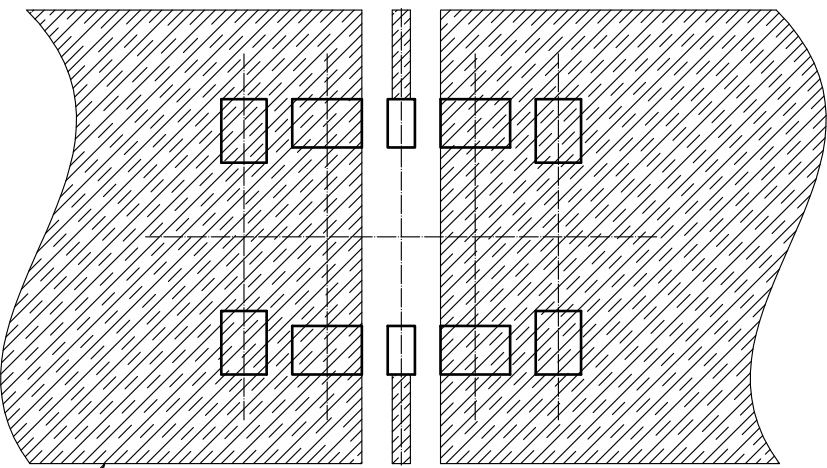
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◆Recommended PCB layout

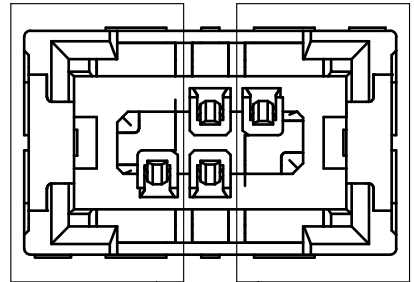


◆Recommended metal mask dimensions
Metal mask thickness : 100 μm
(Open ratio : 100% for PCB layout)

◆Recommended electrical circuit layout

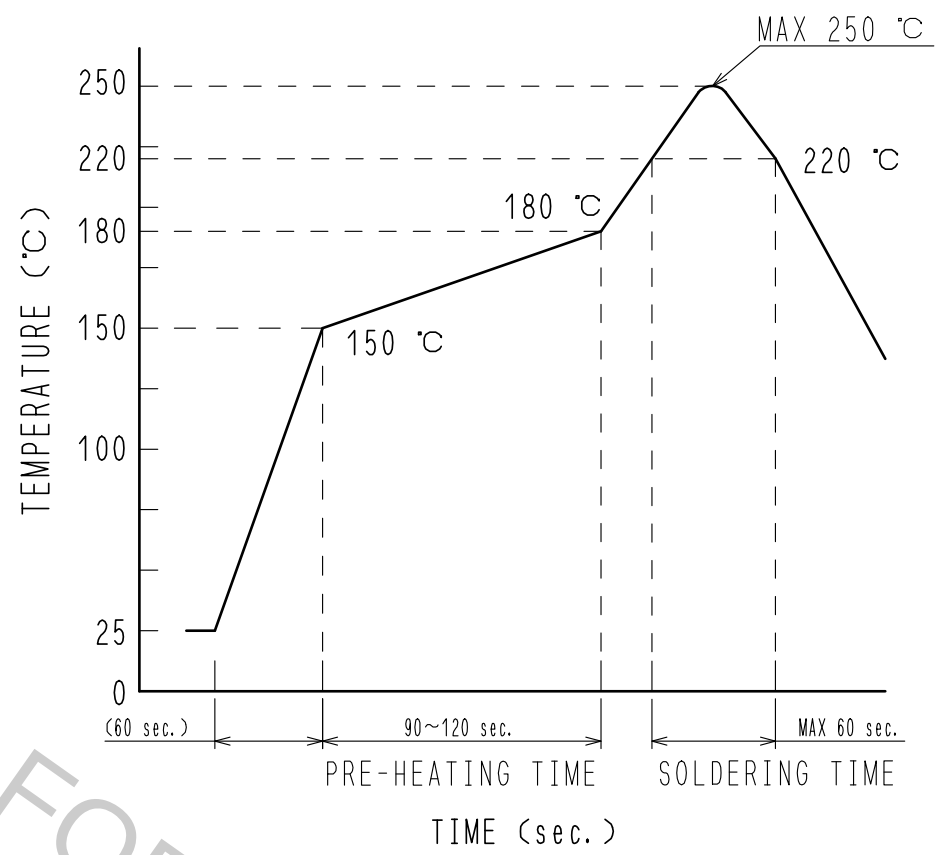


Electrical circuit



Power pin unit

4 Recommended reflow temperature profile using lead-free solder paste.



Reflow method: IR reflow
Number of reflow cycles: 2 cycles MAX.
1) Reflow time
Duration above 220°C: 60 sec MAX.
(Peak temperature: 250°C MAX)
2) Pre-heat time
Pre-heat temperature (MIN): 150°C
Pre-heat temperature (MAX): 180°C
Pre-heat time: 90~120 sec.

- 4 The temperatures mentioned above refer to the PCB surface temperature near the connector leads. The temperature profiles are based on the above conditions. In individual applications the actual temperature may vary, depending on solder paste type, volume/thickness and board size/thickness. Consult your solder paste and equipment manufacturer for specific recommendations.
- 5 Please contact us in case you will make different settings from our recommendation.
- 6 For the routing on the indicated PCB surface, apply solder resist in order for the insulation treatment.



DRAWING NO.	EDC-362699-53-01
PART NO.	BM29B0. 6-2DS/2-0.35V(53)
CODE NO.	CL673-7001-0-53



DRAWING NO.	EDC-362699-53-01		
PART NO.	BM29B0. 6-2DS/2-0. 35V(53)		
CODE NO.	CL673-7001-0-53		3/3