

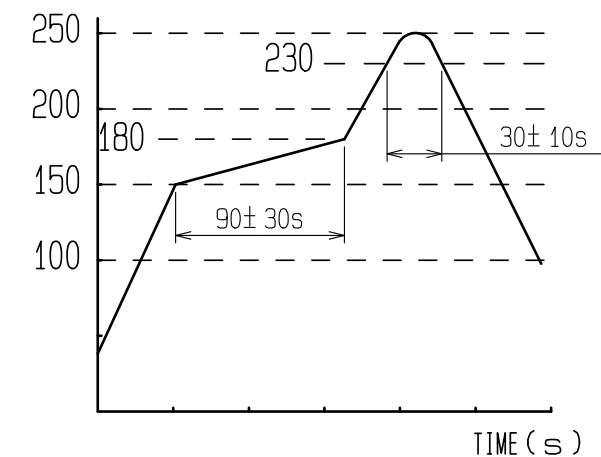
Apr.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

RoHS, ELV COMPLIANT

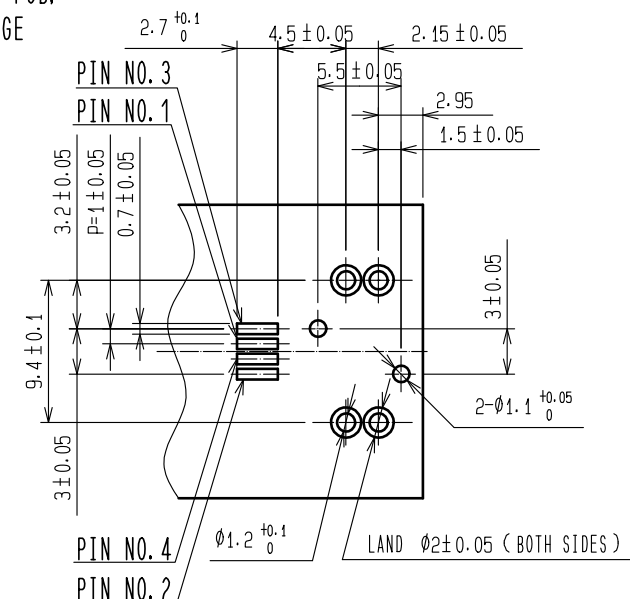
NOTES

- 1) RECOMMENDED THICKNESS OF SOLDERING PASTE: 0.12mm
- 2) RECOMMENDED REFLOW PROFILE (SEE RIGHT GRAPH)
TYPE:IR REFLOW
ATMOSPHERE: AIR OR N₂
CYCLE TIME: UP TO 2 CYCLES OF REFLOW SOLDERING ARE POSSIBLE UNDER THE CONDITIONS, PROVIDED THAT THERE IS A RETURN TO NOMAL TEMPERATURE BETWEEN THE FIRST AND SECOND CYCLE.
PEAK TEMPERATURE: 250°C
230°C MIN. FOR 20 TO 40 SECONDS.
PREHEATING AREA 150°C FOR 60 TO 120 SECONDS.
- 3) HAND SOLDERING: 280-300°C, 2S MAX.
- 4) CONTACT COPLANARITY: 0.1mm MAX.
- 5) RECOMMENDED THICKNESS OF PCB: 1.6mm
- 6) FOR THE PREVENTION EXCESSIVE STRESS FOR CONNECTOR AND PCB, WE RECOMMEND ADDITIONAL SUPPORT MECHANISM IF THE FLANGE WAS ELIMINATED.

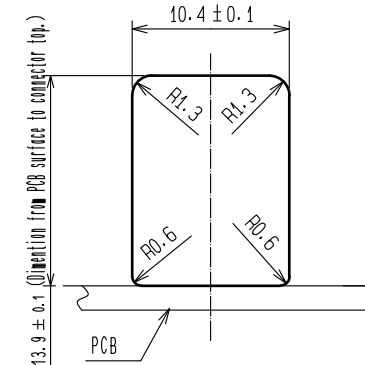
TEMP. (°C)



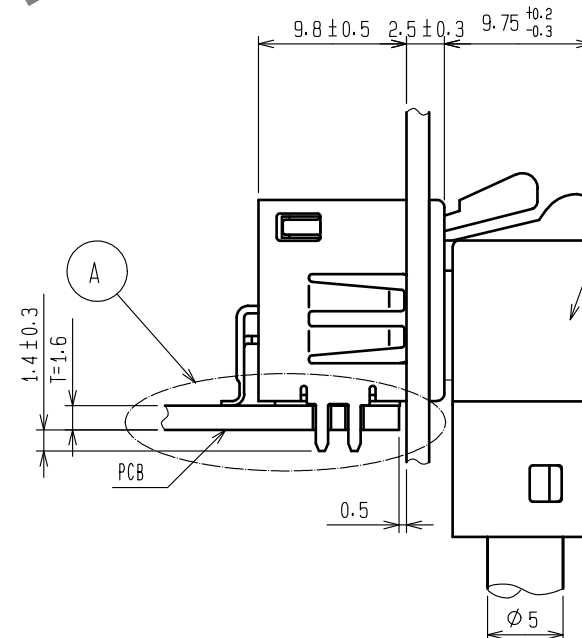
RECOMMENDED PCB LAYOUT



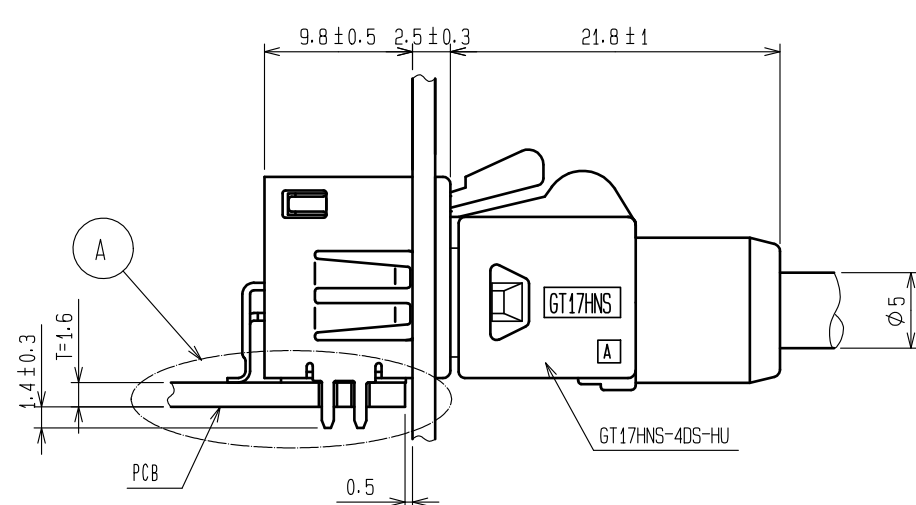
RECOMMENDED PANNEL LAYOUT



IN COMBINATION WITH RIGHT-ANGLE CONNECTOR



IN COMBINATION WITH STRAIGHT CONNECTOR



2	PPS	BLACK	4	BRASS	TIN PLATING
1	COPPER ALLOY	TIN PLATING	3	BRASS	TIN PLATING
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
UNITS mm		SCALE 2 : 1	COUNT 	DESCRIPTION OF REVISIONS	DESIGNED CHECKED DATE
		APPROVED : KI. HIROKAWA	20200326	DRAWING NO.	EDC-168956-56-00
		CHECKED : EJ. WAKATSUKI	20200325	PART NO.	GT17HN-4DP-2H(D)(56)
		DESIGNED : TS. KUBOTA	20200325	CODE NO.	CL767-0276-7-56
		DRAWN : YK. MITSUISHI	20200221		

Apr.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.

