



2E (UK) Ltd

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2E (UK) is part of the 2E (UK) Ltd group of companies

2E UK Ltd Statement on Suitability of Plastics used in the construction of Through Hole PCB Mounted Connectors for RoHS Compliant Solder Wave assembly

Due to increased temperatures required for the soldering of RoHS compliant connectors. Some concerns have been raised by customers that as component side temperatures are increased, connectors sold as compliant will not cope with component side temperatures. 2E UK Ltd has had various discussions and performed tests with our Factories / Suppliers and we can advise that all plastic insulators on 2E products sold as RoHS compliant are capable of withstanding lead-free wave soldering for 260°C for 6-10 seconds, since the plastic is shielded by the board from the peak temperatures required for the solder to wet the tail so the plastic portion of the connector should never come into direct contact with the solder wave. Due to heat dissipation through the air, connector pins and the PCB itself, the component side of the PCB will not reach a temperature to compromise the plastics.

Note:

All **Through Hole** connectors sold by 2E (UK) Ltd as **RoHS Compliant** will not withstand "direct" contact with the solder wave (260 Deg C). If contact with the wave is a requirement then a suitable high temperature plastic must be specified at the time of enquiry. This only applies to the plastic insulator of a component if it is mounted off the edge of the printed circuit board and comes into direct contact with the solder wave. 2E (UK) Ltd will not warrant any connector that comes into direct contact with the wave unless at the time of enquiry / order we are advised that there will be contact with the wave and a suitable high temperature connector has been requested / offered. It is the responsibility of the end user to ensure that any products used are suitable for the process being used. No responsibility can or will be taken by 2E (UK) Ltd if incorrect items are used in the wrong process.

Should you require any further information please do not hesitate to contact 2E UK Ltd @ rohs@2euk.com, or alternatively you can contact Mr Mike Deacock or Neil Dinsmore at the Sales offices on 01695 50300.

Best Regards

Neil Dinsmore (Managing Director)
Mike Deacock (Sales Director)
Neil Johnstone (Technical Director)

Director: N. R. Dinsmore
Company Reg. No. 02001372



Certificate No. 600/94