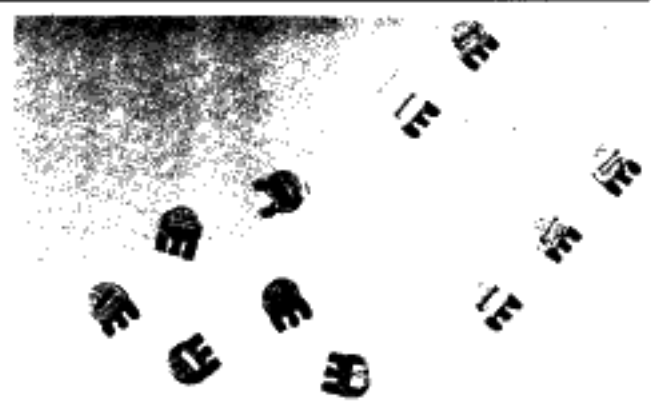


MEC CITEC

**POTENTIOMETERS
INDUCTORS, SMDs
SWITCHES, NETWORKS
ENCODERS
POWER COMPONENTS**

Economy Trimmers **TYPE 3140 SERIES**



A range of tiny single turn trimmers suited to reflow soldering and attractively priced for volume application. Alternative layouts in two and three terminal versions and low profile models (2.2mm) make this a very versatile product. All product is supplied on 12mm tape and reeled on 178mm diameter reels.

MEC CITEC KEY FEATURES

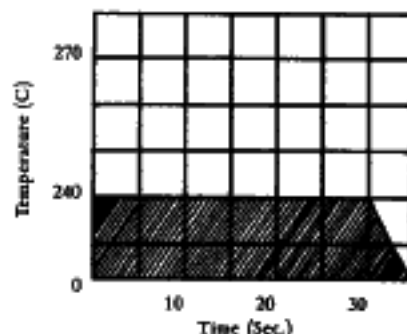
- STABLE CERMET ELEMENT
 - 0.15 W POWER RATING
 - PACKED IN 12mm STANDARD TAPE
 - ATTRACTIVELY PRICED
 - SUITED TO AUTOMATIC PLACEMENT
 - RANGE OF TERMINAL LAYOUTS
 - TEMP RANGE -25°C TO +85°C
 - GOOD VACUUM PICK UP ON HEAD
-

APPLICATION NOTES

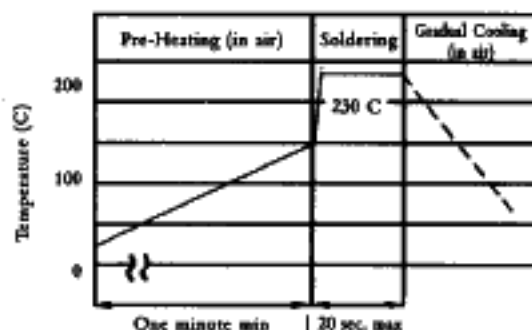
SOLDERING CONDITIONS

If soldering is repeated, please note that the allowance time is the accumulated time.
Solder : Co-crystalized solder
Flux : Rosin Flux

REFLOW SOLDERING- NO PREHEAT



REFLOW SOLDERING RECOMMENDED



SOLDERING WITH IRON

The following conditions must be strictly obeyed when using a soldering iron.
Soldering Iron : 20W maximum
Tip temperature : 280°C maximum
Soldering time : 5 seconds maximum

CLEANING CONDITIONS

After soldering, use cleaning solvents such as chlorosen or dyefreon.

CAUTION ON SOLDERING

The following conditions must be strictly obeyed when using a soldering iron for rework:
Soldering iron : 20W maximum
Trip temperature : 280°C maximum (To be used only once)
Soldering time : 3 seconds maximum
Be careful not to cause excessive force to be applied to the potentiometer after mounting.
Reduce effects of solder temperature and time as much as possible by giving maximum allowable pre-heating.

STORAGE

To prevent damage to the electrode, be sure to observe the following cautions for storage.
• Store in 40°C maximum ambient temperature, and 70°C maximum ambient RH.
• For maximum possible shelf life do not disturb polythene sleeve until you are ready to use potentiometers.
• Store where there are no harmful gasses containing sulphur or chlorine.

All inquires should be directed to:

Piher International Corp.
903 Feehanville Drive.
Mt Prospect, IL 60056