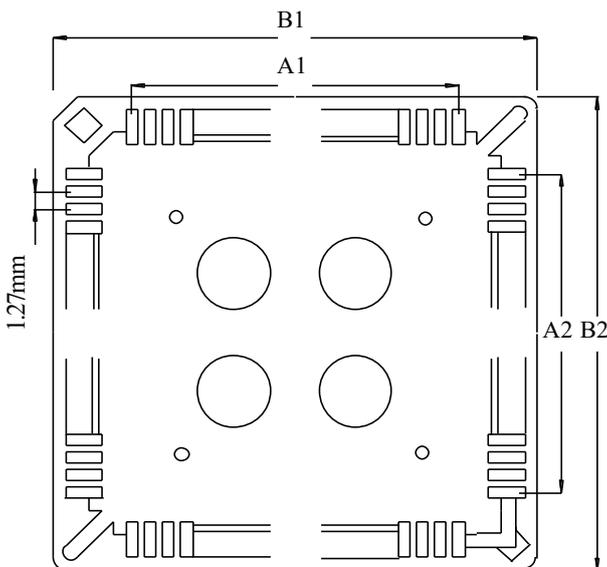
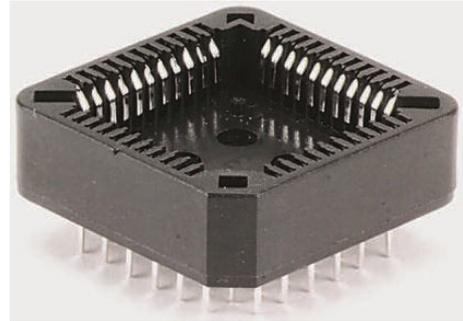




# WINSLOW ADAPTICS

## Data Sheet – Through Board PLCC Socket WPLCC-0XX-1PTRC, WPLCC-0XX-1PG WPLCC-0XX1G, WPLCC-0XX1TRC

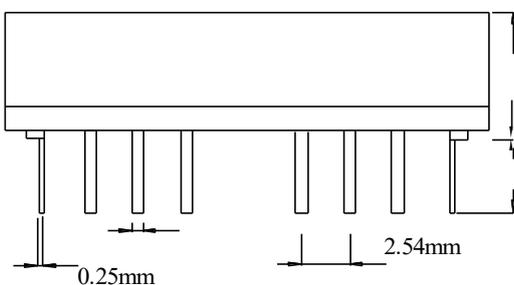
The WPLCC Through Board Series features a phosphor bronze contact with 2 plating and 2 moulding material options. Moulding material is Glass Filled Polyester (PBT) or Polyphenylene Sulphide (PPS) both rated to UL 94 V-0.



Part Number	A1 +/- 0.15mm	B1 +/- 0.15mm	A2 +/- 0.15mm	B2 +/- 0.15mm
WPLCC-020-1XXXX	5.08	15.50	5.08	15.50
WPLCC-028-1XXXX	7.62	18.04	7.62	18.04
WPLCC-032-1XXXX	7.62	18.04	10.16	20.54
WPLCC-044-1XXXX	12.70	23.48	12.70	23.48
WPLCC-052-1XXXX	15.24	25.88	15.24	25.88
WPLCC-068-1XXXX	20.32	31.04	20.32	31.04
WPLCC-084-1XXXX	25.40	36.04	25.40	36.04

### XXXX Suffix Options

Suffix	Plating	Moulding	RoHS Compliant
6.46mm +/- 0.15mm PTRC	Tin	PBT	Yes
0.15mm PG	Gold	PBT	Yes
4.85mm +/- 0.15mm G	Gold	PPS	Yes
0.15mm TRC	Tin	PPS	Yes



Note: Please remember to add your required plating suffix to part number when ordering.  
e.g. WPLCC-020-1PTRC for RoHS compliant tin and WPLCC-020-1PG for gold.



## Data Sheet – Through Board PLCC Socket WPLCC-0XX-1PTRC, WPLCC-0XX-1PG WPLCC-0XX1G, WPLCC-0XX1TRC

### Performance Characteristics.

<b>Voltage Rating:</b>	AC 100VRMS/DC 150V
<b>Current Rating:</b>	1 Amp
<b>Contact Resistance:</b>	30mOhms max.
<b>Insulation Resistance:</b>	1000MOhms min at DC 100V
<b>Withstanding Voltage:</b>	AC 500VRMS for 1 minute
<b>Operating Temperature:</b>	-55 <sup>0</sup> C to +105 <sup>0</sup> C
<b>Applied Wave Soldering:</b>	-240 <sup>0</sup> C (max. 15 seconds)
<b>Durability:</b>	100 cycles
<b>Vibration:</b>	10k to 20k Hz 5 Gs
<b>Insertion Force:</b>	180g per pin max.
<b>Extraction Force:</b>	28g per pin min.

### Contact

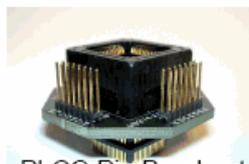
<b>Contact Material:</b>	Phosphor Bronze.
<b>Plating:</b>	Part Number Suffix: <b>TRC</b> ; 3-5 microns tin over copper Part Number Suffix: <b>G</b> ; Flash Gold over copper in contact area only. Tail 3-5 microns tin over copper.

### Moulding

<b>Material:</b>	30% glass filled PBT UL-94V-0 PPS UL-94V-0
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### PLCC Support Products From Winslow Adaptics

Also available from Winslow Adaptics are cost effect, time saving solutions to test, obsolescence, supply problems and upgrades. OEMs can upgrade equipment with custom Adaptics utilising additional logic, often saving considerable cost and time on re-design. If lead-time becomes an issue contact us for a suitable package convertor. We specialise in conversion of all package lead-frames.



PLCC Pin Breakout



Custom Upgrades

For further information please contact your nearest sales office



Plug to Ribbon Cable



PLCC to PGA



PLCC to DIP



PLCC Interconnects

[www.winslowadaptics.com](http://www.winslowadaptics.com)

[sales@winslowadaptics.com](mailto:sales@winslowadaptics.com)