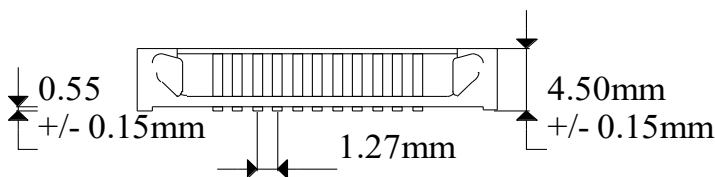
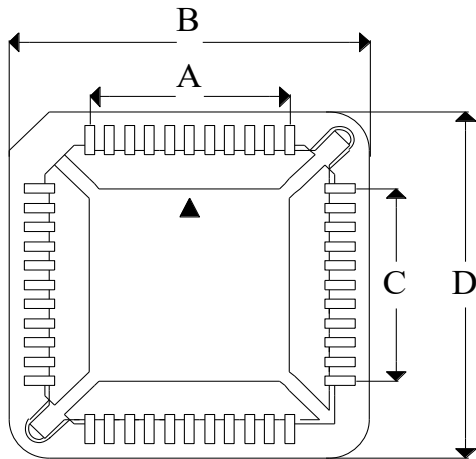
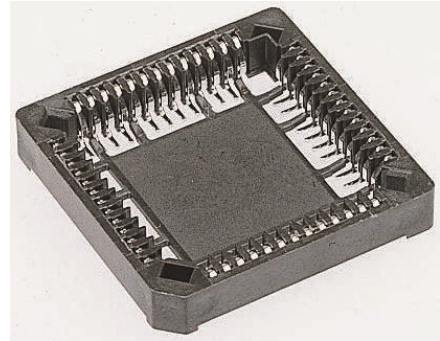




WINSLOW ADAPTICS

Data Sheet – Surface Mount PLCC Socket WPLCC-000-1STRC WPLCC-000-1SG

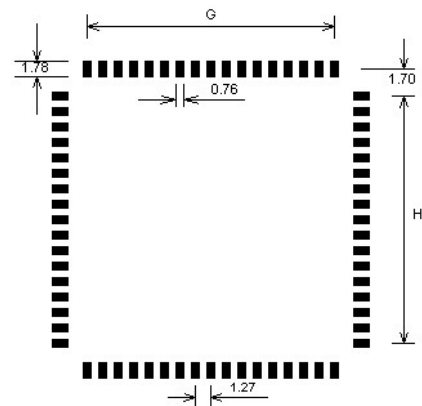
The WPLCC Surface Mount Series features a phosphor bronze contact with 2 plating options; Suffix 'TRC' being RoHS compliant Tin and Suffix 'G' being selective gold. Moulding material is Polyphenylene Sulphide (PPS) rated to UL 94 V-0.



Part Number	A +/- 0.2mm	B +/- 0.2mm	C +/- 0.2mm	D +/- 0.2mm
WPLCC-020-1S	5.08	15.24	5.08	15.24
WPLCC-028-1S	7.62	17.78	7.62	17.78
WPLCC-032-1S	7.62	18.20	10.16	20.74
WPLCC-044-1S	12.70	23.28	12.70	23.28
WPLCC-052-1S	15.24	25.74	15.24	25.74
WPLCC-068-1S	20.32	30.82	20.32	30.82
WPLCC-084-1S	25.40	35.90	25.40	35.90

Solder Pad Footprint.

Part Number	G	H
WPLCC-020-1S	5.08	5.08
WPLCC-028-1S	7.62	7.62
WPLCC-032-1S	7.62	10.16
WPLCC-044-1S	12.70	12.70
WPLCC-052-1S	15.24	15.25
WPLCC-068-1S	20.32	20.32
WPLCC-084-1S	25.40	25.40



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



WINSLOW ADAPTICS

Data Sheet – Surface Mount PLCC Socket WPLCC-000-1STRC WPLCC-000-1SG

Performance Characteristics.

Voltage Rating:	AC 100VRMS/DC 150V
Current Rating:	1 Amp
Contact Resistance:	30mOhms max.
Insulation Resistance:	1000MOhms min at DC 100V
Withstanding Voltage:	AC 500VRMS for 1 minute
Operating Temperature:	-55 ^o C to +105 ^o C
Applied Wave Soldering:	-240 ^o C (max. 15 seconds)
Durability:	100 cycles
Vibration:	10k to 20k Hz 5 Gs

Contact

Contact Material:	Phosphor Bronze.
Contact Force:	210gm per pin.
Plating:	Part Number Suffix: TRC ; 3-5 microns tin over copper Part Number Suffix: G ; Flash Gold over copper in contact area only. Tail 3-5 microns tin over copper.

Moulding

Material:	PPS UL-94V-0
------------------	--------------

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