



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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FEATURES:

- Low profile design
- Seven different circuit sizes: 20 to 84 positions
- Available in tube or tape and reel packaging
- RoHS Compliant

SPECIFICATIONS:

| | |
|----------------------------------|------------------------------------|
| Insulator Material: | Polyphenylene Sulfide, UL 94V-0 |
| Contact Material: | Phosphor Bronze |
| Insulation Resistance: | 1000 Megohms minimum |
| Contact Resistance: | 25 milliohms maximum |
| Contact Plating: | 150 microinches of Tin over Nickel |
| Dielectric Withstanding Voltage: | 600 VAC rms for 1 minute |
| Insulator Resistance: | 1000 Megohms minimum |
| Operating Temperature: | -55°C to +85°C |
| Mating Cycles: | 200 Mating Cycles Minimum |

D00-020-490-001

SERIES:
PLCC SOCKET

NO. OF POSITIONS:
020 - 20 POSITIONS
028 - 28 POSITIONS
032 - 32 POSITIONS
044 - 44 POSITIONS
052 - 52 POSITIONS
068 - 68 POSITIONS
084 - 84 POSITIONS

CONTACT PLATING:
2 - GOLD FLASH
3 - 15 MICROINCHES OF GOLD
4 - 150 MICROINCHES OF TIN OVER NICKEL
6 - 30 MICROINCHES OF GOLD
9 - 50 MICROINCHES OF GOLD

PACKAGING TYPE:
01 - PLCC WITH NO PACKAGING INFO
02 - PLCC ON TAPE & REEL PACKAGING
03 - PLCC ON TUBE PACKAGING

CONTACT STYLE:
0 - LOW COST CONTACT
1 - LOW COST CONTACT S-TYPE
2 - FULL BELLOWS CONTACT

PROFILE:
0 - LOW PROFILE
1 - LOW PROFILE WITH POST

CONNECTOR TYPE:
9 - SURFACE MOUNT TYPE

| <u>Part No.</u> | <u>Description</u> | <u>Available in S-Type</u> | <u>Available in Bellows</u> | <u>Tape & Reel Qty.</u> |
|-----------------|--------------------|----------------------------|-----------------------------|-----------------------------|
| D00-020-490-XXX | 20 Positions | Yes | Yes | 500 |
| D00-028-490-XXX | 28 Positions | Yes | Yes | 400 |
| D00-032-490-XXX | 32 Positions | Yes | Yes | 500 |
| D00-044-490-XXX | 44 Positions | Yes | Yes | 300 |
| D00-052-490-XXX | 52 Positions | No | Yes | 250 |
| D00-068-490-XXX | 68 Positions | No | Yes | 225 |
| D00-084-490-XXX | 84 Positions | No | Yes | Not Applicable |