

PLCC Sockets

Surface Mount



RoHS
Compliant

Features:

- Consistent, uniform high retention contacts
- No solder wicking design
- Hi Temperature PPS insulator
- Open frame design for viewable solder joints

Mating Plastic Leaded Chips:

All EIA / JEDEC compliant PLCC

Specifications:

Material:

Standard Hi-temperature insulator	: PBT, Glass reinforced
Insulator colour	: Brown
Contacts	: Phosphor bronze

Contact Plating:

Tin over copper under plate overall

Electrical:

Maximum operating voltage	: 250 V ac
Maximum current rating	: 1 Ampere
Maximum contact resistance	: 30 mΩ initial
Minimum insulation resistance	: 1,000 MΩ
Dielectric withstanding voltage	: 500 V ac for 1 minute

Mechanical:

Maximum insertion force	: 6.35 oz
Minimum withdrawal force	: 1 oz

Temperature Rating:

Operating temperature	: -55 to +105°C
Soldering process temperature	: 260°C

Packaging:

Anti-ESD plastic tubes

Approval:

UL recognized, File no. E224053

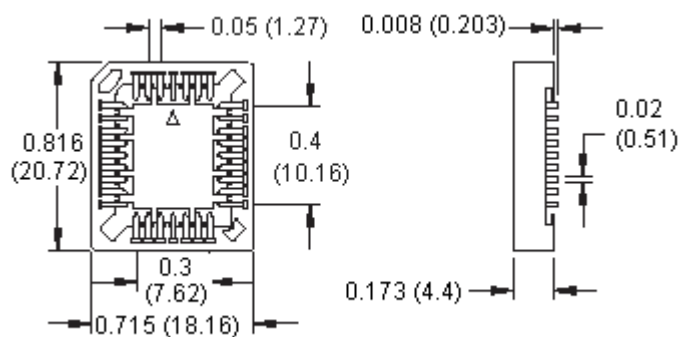
PLCC Sockets



Surface Mount

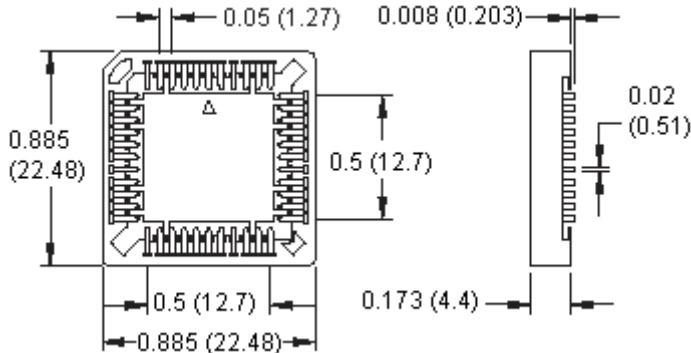
MC-32PLCC-SMT

32 Position Socket



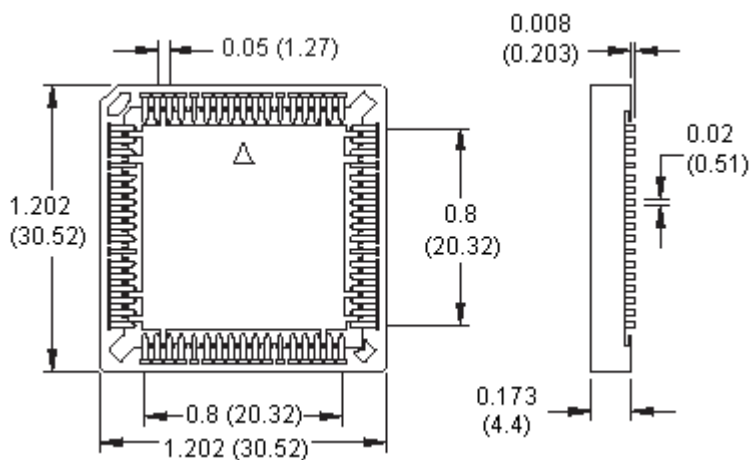
MC-44PLCC-SMT

44 Position Socket



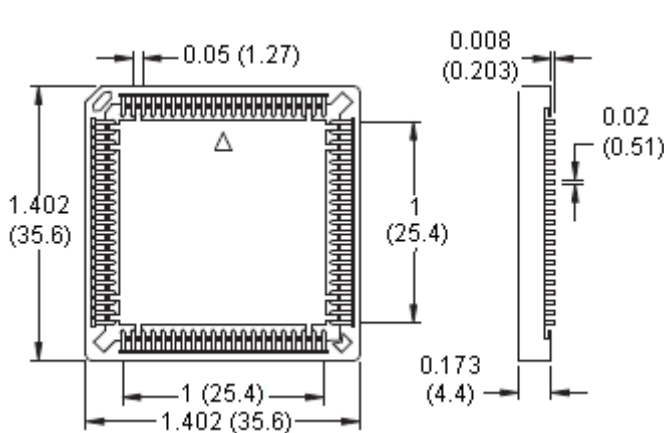
MC-68PLCC-SMT

68 Position Socket



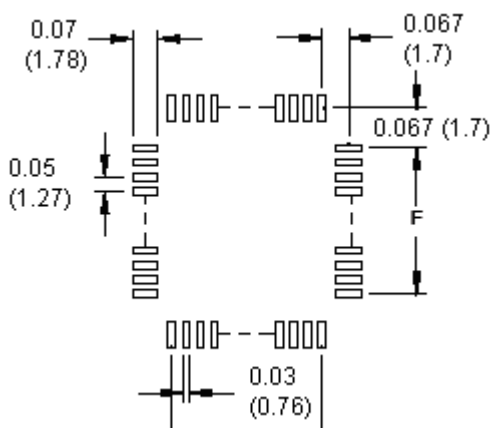
MC-84PLCC-SMT

84 Position Socket



Dimensions : Inches (Millimetres)

Recommended Solder Pad Layout



Dimensions : Inches (Millimetres)

Positions	E	F
32	0.3 (7.62)	0.4 (10.16)
44	0.5 (12.7)	0.5 (12.7)
68	0.8 (20.32)	0.8 (20.32)
84	1 (25.4)	1 (25.4)



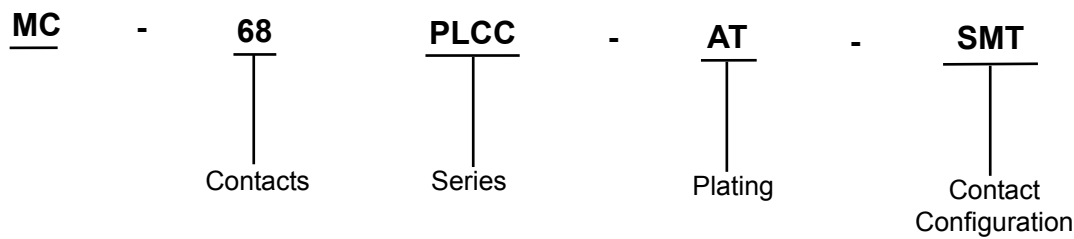
Surface Mount



Part Number Table

Description	Part Number
PLCC Socket, SMT, 20pins, Brown Insulator, PPS	MC-20PLCC-SMT
PLCC Socket, SMT, 28pins, Brown Insulator, PPS	MC-28PLCC-SMT
PLCC Socket, SMT, 32pins, Brown Insulator, PPS	MC-32PLCC-SMT
PLCC Socket, SMT, 44pins, Brown Insulator, PPS	MC-44PLCC-SMT
PLCC Socket, SMT, 52pins, Brown Insulator, PPS	MC-52PLCC-SMT
PLCC Socket, SMT, 68pins, Brown Insulator, PPS	MC-68PLCC-SMT
PLCC Socket, SMT, 84pins, Brown Insulator, PPS	MC-84PLCC-SMT

Part Number Explanation:



Contacts : 20, 28,32, 44, 52, 68, 84
Series : PLCC = Plastic, Leaded, Chip, Carrier
Plating : AT = Tin-plated
Contact Configuration : SMT = Low profile body, surface mount leads

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