PRO STAR

SURFACE MOUNT CHIP CARRIER SOCKET

850-SMT-PLCC SERIES (With & Without Polarizing Pegs)

4.6mm H.

Substance **RoHS** **WEEE** **Lead Free**

MATERIAL:

Insulator: A: 45% Glasses filled in NYLON9T UL-94V-0 Color:Black
Insulator: B: 40% Glasses filled in P.P.S. UL-94V-0 Brown.
Contact: Phosphor Bronze, 0.20mm Thickness.
Plated: Tin Plated over Nickel. (Lead Free)
MECHANCIAL PERFORMANCE:
Durability: Per MIL-STD-1344, Method 2016, 25 Cycles.
Vibration: Per MIL-STD-810c, Method 514.2 10-200,000Hz 5G's.
Shock: Per MIL-STD-810C, Method 516.2, 35G's.
Acceleration: Per MIL-STD-810C, Method 513.2, 15G's.
Contact Force: 210g/per pin.

ELECTRICAL PERFORMANCE:

Contact Interface Resistance:
Initial: 6.5 Milliohms Average.
Final:l: 15.0 Milliohms Average Max. After Testing.
Insulation Resistance: 10000 Megohms min.
Dielectric Strength: 1000VAC continuous for 1 minute.
Operating and Storage Temperature: -40˚C to +105˚C.

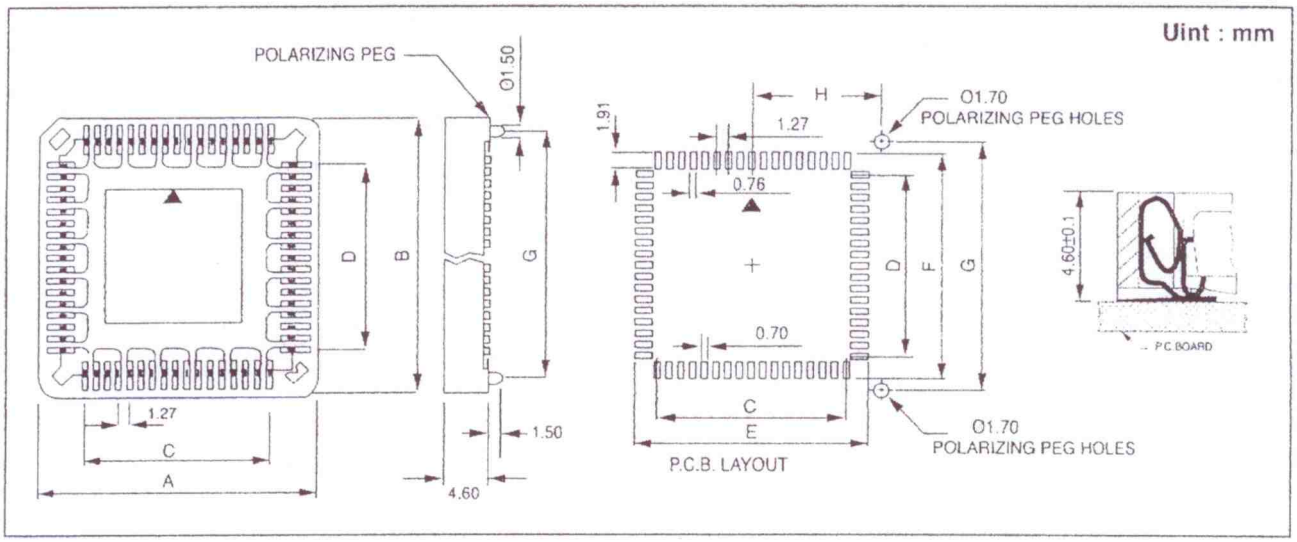
FEATURES:

- Applications Include All Electronic PC Boards Requiring Use of a Socket with Same Footprints as Most Common Plastic Leaded Chip Carrier.
- Accepts Molded Plastic Chip Carriers Conforming to JEDEC Specification MO-047 for Square and MO-052 for Rectangular Configuration.
- Visual and Mechancial Polarzation for PLCC Insertion.
- Open Frame Design for Ease of Contact Inspection and Repair.
- Optional PCB Polarzing Pegs Available
- Slimmer Desing Save on Board Space.
- Open Top Design for Cooler Running Chip Carrier.
- Automacit Insertion Machine Compatible.

ENVIRONMENTAL PERFORMANCE:

Thermal Shock: Per MIL-STD-1344, method 1003, condition A, Cycled from +55˚C to +80˚C, No discontinuity or Physcial damage.
Temperature/Humidity: Per MIL-STD-1344, method 1002, 85˚C/85% relative humidity.

PART NO: 850-SMT-PLCC-(No. of Pins)-(NY or PPS)-T2-(N or P) ■ N: Without Pegs ■ P: With PolarizingPegs.



Uint : mm

No. of Contacts	A±0.2	B±0.2	C±0.1	D±0.1	E±0.1	F±0.1	P TYPE With Pegs. G±0.2	H±0.1
20	15.65	15.65	5.08	5.08	10.03	10.03	12.70	6.35
28	18.18	18.18	7.62	7.62	12.57	12.57	15.24	7.62
32	18.18	20.75	7.62	10.16	12.57	15.11	17.78	7.62
44	23.28	23.28	12.70	12.70	17.65	17.65	20.32	10.16
52	25.84	25.84	15.24	15.24	20.19	20.19	22.86	11.43
68	30.95	30.95	20.32	20.32	25.27	25.27	27.94	13.97
84	36.00	36.00	25.40	25.40	30.35	30.35	33.02	16.15

■For examples 850-SMT-PLCC-(No. of Pins)-(PPS or NY)-T2-(N or P)-(Blank or TR)
850-SMT-PLCC-(No. of Pins)-(NY or PPS)-T2-(N or P)-(Blank or TR) ■ Blank: Tube ■ TR: Tape Reel Packed.
■T2: Matted Tin Plated 80u" over nickel ■ N: Without Pegs ■ P: With Polarizing Pegs.