

526-526 to 587

**3M** (surface mount)

# SMT PLCC

## Production Sockets

### Product Bulletin

#### Features

- Accept JEDEC MO047 A/B PLCC
- SMT low profile top extract type
- Visual window for solder tails inspection
- Moulded in bottom stand-offs for easy removal of flux residue
- Two polarisation post for PCB orientation
- Tape and reel packaging according to IEC 296-3 Standard
- 3M logo and date code (week / year)

#### Electrical

- Current rating: 1 A (AC/DC)
- Insulation resistance: > 1000 MOhms
- Withstanding voltage: > 500 Vrms
- Contact resistance: 5 mOhms typical < 20 mOhms max

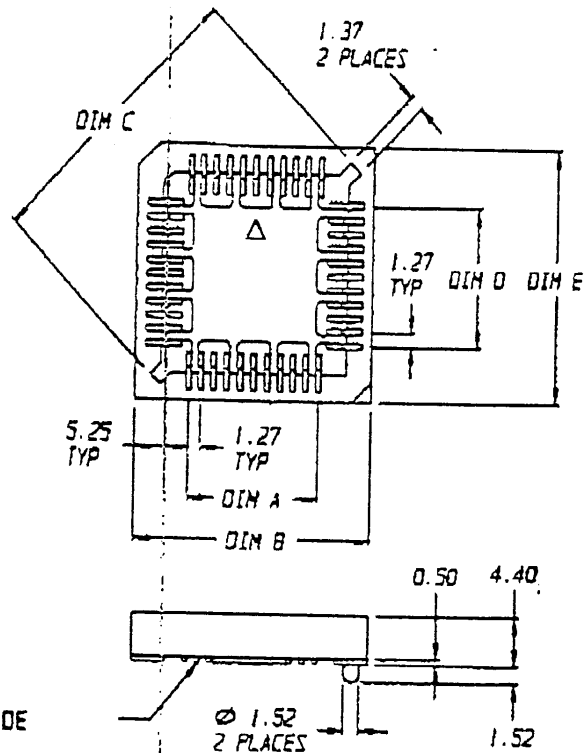
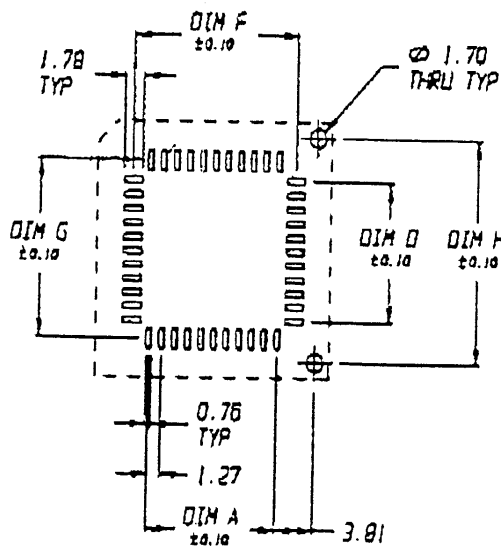
#### Environmental

- Temperature rating: -55°C to +125°C

#### Physical

- Insulation material: Polyphenylene Sulphide (PPS)
- Flammability rating: UL 94 V-0
- Colour: brown
- Contact material: phosphor bronze
- Contact plating: 100 µ" (min) tin over 70 µ" (min) copper

#### PCB LAYOUT



1. THE FLATNESS OF ALL LEADS ON THE BOTTOM SURFACE SHALL BE WITHIN 0.10
2. AVAILABLE ONLY (PPS) POLYPHENYLENE SULPHIDE

| SOCKET PART NUMBER | LEAD COUNT | A ±0.20 | B ±0.20 | C ±0.20 | D ±0.20 | E ±0.20 | F ±0.20 | G ±0.20 | H ±0.20 |
|--------------------|------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 220-7160-75-1157   | 20         | 5.08    | 15.58   | 18.70   | 5.08    | 15.58   | 8.48    | 8.48    | 12.70   |
| 228-7161-75-1157   | 28         | 7.62    | 18.12   | 20.30   | 7.62    | 18.12   | 11.02   | 11.02   | 15.24   |
| 232-7182-75-1157   | 32         | 7.62    | 18.12   | 22.50   | 10.18   | 20.68   | 11.02   | 13.58   | 17.78   |
| 244-7183-75-1157   | 44         | 12.70   | 23.20   | 27.50   | 12.70   | 23.20   | 16.10   | 16.10   | 20.32   |
| 252-7184-75-1157   | 52         | 15.24   | 25.74   | 31.10   | 15.24   | 25.74   | 18.64   | 18.64   | 22.86   |
| 268-7165-75-1157   | 68         | 20.32   | 30.82   | 38.30   | 20.32   | 30.82   | 23.72   | 23.72   | 27.94   |