

Production Sockets

Through Hole PLCC

Features

- Accept JEDEC MOØ47 A/B PLCC (20-84) and MOØ52 AE (32 rect.)
- Low profile top extract type
- Soldertails on 2.54mm square grid
- Closed bottom eliminates bridging and solder wicking
- Moulded in bottom stand-offs for easy removal of flux residue
- Moulded in internal stand-offs to avoid bending J leads
- 3M logo and date code (year / week)

Electrical

- Current rating: 1 A (AC/DC)
- Insulation resistance: > 1000 MOhms
- Withstanding voltage: > 500 Vrms
- Contact resistance: 10 mOhms typical
- < 20 mOhms max
- Capacitance: 0.6 pF typical

Environmental

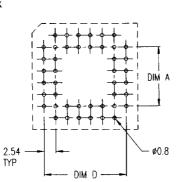
• Temperature rating: -55°C to +105°C (PBT) -55°C to +125°C (PPS)

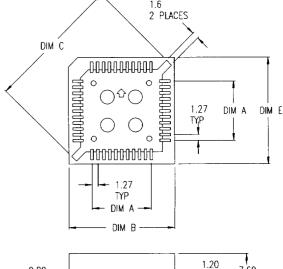
Physical

- Insulation material: glass filled Polyethylene Teraphthalate (PBT) for 20 position through 52 position Polyphenylene Sulphide (PPS) for 68 position through 100 position Flammability rating: UL 94 V-0
- Colour: black (PBT) or brown (PPS)
- Contact material: phosphor bronze
- Contact plating: 90 μ " (min) tin over 30 μ " (min) nickel

Mechanical

Insertion force: 150g / line max
Withdrawal force: 40g / line max





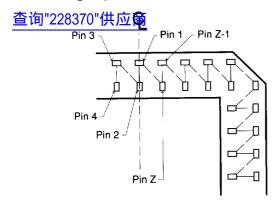
| 0.80 | | 1.20 | 7.60 |
|------|-------|------|------|
| Ť | DIM D | | 3.30 |

| | PC | BL | AY | 01 | J٦ |
|--|----|----|----|----|----|
|--|----|----|----|----|----|

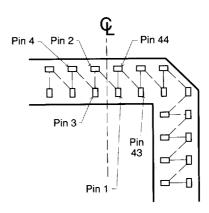
| SOCKET PART | LEAD COUNT | A ±0.20 | B | C | D ±0.20 | ±0.20 |
|------------------|---------------|-------------------|----------|----------|-------------------|-------|
| NUMBER | | | | | | |
| 220-7160-71-3857 | 20 | 5.08 | 15.52 | 18.34 | 10.16 | 15.52 |
| 228-7161-71-3857 | 28 | 7.62 | 18.28 | 20.76 | 12.70 | 18.28 |
| 232-7162-71-3857 | 32 * | 7.62 | 18.74 | 23.05 | 15.24 | 21.25 |
| 244-7163-71-3857 | 44 | 12.70 | 23.50 | 28.48 | 17.78 | 23.50 |
| 252-7164-71-3857 | 52 | 15.24 | 25.88 | 32.82 | 20.32 | 25.88 |
| 268-7165-71-1157 | 68 | 20.32 | 31.20 | 38.36 | 25.40 | 31.20 |
| 284-7166-71-1157 | 84 | 25.40 | 36.15 | 45.60 | 30.48 | 36.15 |
| 2XX-7167-71-1157 | 100 | 30.48 | 42.02 | 53.70 | 35.56 | 42.02 |

^{*} Rectangular type

Pinout Logic (view from component side)



20, 28, 32, 52, 68 & 84 LEAD PLCC



LEAD PLCC

Important Notice

All statements, technical information and recommendations related to the Seller's products are based on information believed to be reliable but their accuracy and completeness is not guaranteed. Before using the product the user should determine the suitability of the product for

intended use. The user assumes all risks and liability whatsoever in connection with such use

Any statements or recommendations of the seller shall have no force or effect unless contained in an agreement signed by an authorised representative of the seller. All other warranties, express or implied, including but not limited to implied warranties of merchantibility and fitness for the purpose which are expressly excluded by the seller's Terms and Conditions of Solo of Sale.

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