

ENPLAS TSOP Type I

- Supports Intel Flash memory components 32, 40, and 48 pin TSOP
- PROM programming and test socket
- Ideal for automation/burn-in
- Zero insertion force
- Low profile

ENPLAS' open-top TSOP Type I series of PROM programmer, test and burn-in sockets are produced with very high-precision injection molding techniques using high grade PEI plastics to withstand a temperature handling range of -55°C to 150°C. Programmer and test sockets must be robust to perform a wide range of electrical and functional verification of devices at different speeds and various temperatures.

Mechanically designed for zero insertion force device loading, the accurate lead placement and body alignment positions of these sockets ensure high reliability and positive electrical contact action. Contact pins are made with a highly reliable gold-plated beryllium-copper-nickel base material with repeatable actuation cycles up to 10,000 times. The contact tips ensure a reliable interface by engaging the package leads without damage. Open-top soft actuation design features ease of manual handling and/or automated loading and unloading of devices. Each socket type is compact in design with a minimum

number of moving parts, which provides for easy handling and maintenance and improves density/positions in the board.

Specifications:

- Contact resistance:
 - Initial 30mOhm - 50mOhm - 100mOhm (At 10mA)
- Maximum Voltage:
 - AC700V RMS (for 1 minute)
 - Below 0.5mm Pitch - AC500V RMS (for 1 minute)
- Insulation resistance:
 - 1,000MOhm or higher (at DC 500V)
- Rated current:
 - 1A
- Operating temperature range:
 - 65°C ~ +150°C
- Terminal strength against pulling:
 - 0.5Kg (1 min)
- Insertion:
 - Min. 5,000 times, 10,000 times
- Material:
 - Body: PEI
 - Contact: BeCu, Au plating (Ni-base)

INTEL FLASH MEMORY SUPPORTED:

28F010, 28F001BX, 28F020, 28F002BC, 28F002BL, 28F002BV, 28F002BX, 28F200BL, 28F200BV, 28F200BX, 28F200CV, 28F004BE, 28F004BL, 28F004BV, 28F004BX, 28F004SC, 28F400BL, 28F400BV, 28F400BX, 28F400CE, 28F400CV, 28F008BE, 28F008BV, 28F008SA, 28F008SC, 28F800BV, 28F800CE, 28F800CV, 28F016SC

AVAILABILITY:

Now

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