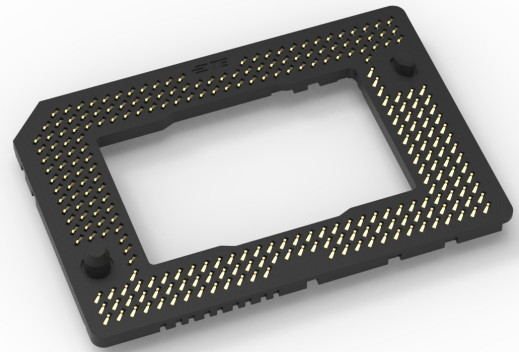


INTRODUCING DIGITAL MICROMIRROR DEVICE (DMD) 257 SOCKET

- **Increased reliability**
- **Easier operation**



Our new DMD 257 socket provides a reliable solution for the new generation of Texas Instruments (TI) DMD chipsets. The DMD 257 socket offers increased reliability with an anti-hook contact design that can protect the terminal from damage during the operation process. The lower loading force of the contact can minimize the risk of the chipset being cracked, which supports easier mounting operation. As a proven socket technology provider, TE is a dependable socket partner for this and future chipset designs.

KEY BENEFITS

- Can be used for TI's latest DMD chipset, the s410 system with 5.4 micron micromirror pitch.
- Offers increased reliability with an anti-hook contact design that helps protect the terminal from damage during the operation process and ensures the chip is mounted securely.
- The lower loading force of the contact can minimize the risk of the chipset being cracked, which supports easier mounting operation.
- TE continues to develop cutting edge socket solutions with fast turnaround time for prototypes and mass production.
- As a proven socket technology provider, TE is a dependable socket partner for this and future chipset designs.

LEARN MORE

[DMD Sockets Product Flyer](#)

[DLP Sell Sheet](#)

[DMD Sockets Parts List](#)

APPLICATIONS

- Digital light processing (DLP) projector
- Laser TV
- Portable projector
- Digital signage
- Gaming
- Home cinema

ELECTRICAL

- Voltage rating: 12V max AC or DC
- Current rating: 0.5A max per contact
- Insulation resistance: 800M Ω Min
- LLCR: 30m Ω max for initial, $\Delta R=10m\Omega$ after test
- High-speed performance : <-1db@16GHz loss

MECHANICAL

- Temperature rating: -55°C to 85°C
- Durability: 30 mating cycles

MATERIALS

- Contacts: Copper alloy, gold plating
- Connector housing: High temperature thermoplastic, UL 94-V0

STANDARDS & SPECIFICATIONS

- Product Specification #108-115139
- Application Specification #114-115016