

.050" (1,27mm) PITCH SOCKETS FLE SERIES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?FLE

Insulator Material: Black Liquid Crystal Polymer
CONTACT MATERIAL: Phosphor Bronze
Plating: Au over 50µ" (1,27µm) Ni

Current Rating: 1.75A @ 80°C ambient
Operating Temp Range: -55°C to +125°C

Contact Resistance: 15mΩ max
Insertion Depth: (1,83mm) .072" to (4,37mm) .172" or pass-through

Insertion Force: (Single contact only) 1.5oz (0,42N)

Normal Force: 100 grams (0,98N)

Withdrawal Force: (Single contact only) 1.5oz (0,42N)

Max Cycles: 100+

RoHS Compliant: Yes

Processing: Max Processing Temp: 230°C for 60 seconds, or 260°C for 20 seconds 3x

Lead-Free Solderable: Yes

SMT Lead Coplanarity: (0,10mm) .004" max

Mates with: FTSH, FTS, FW, FFMD, FMTP



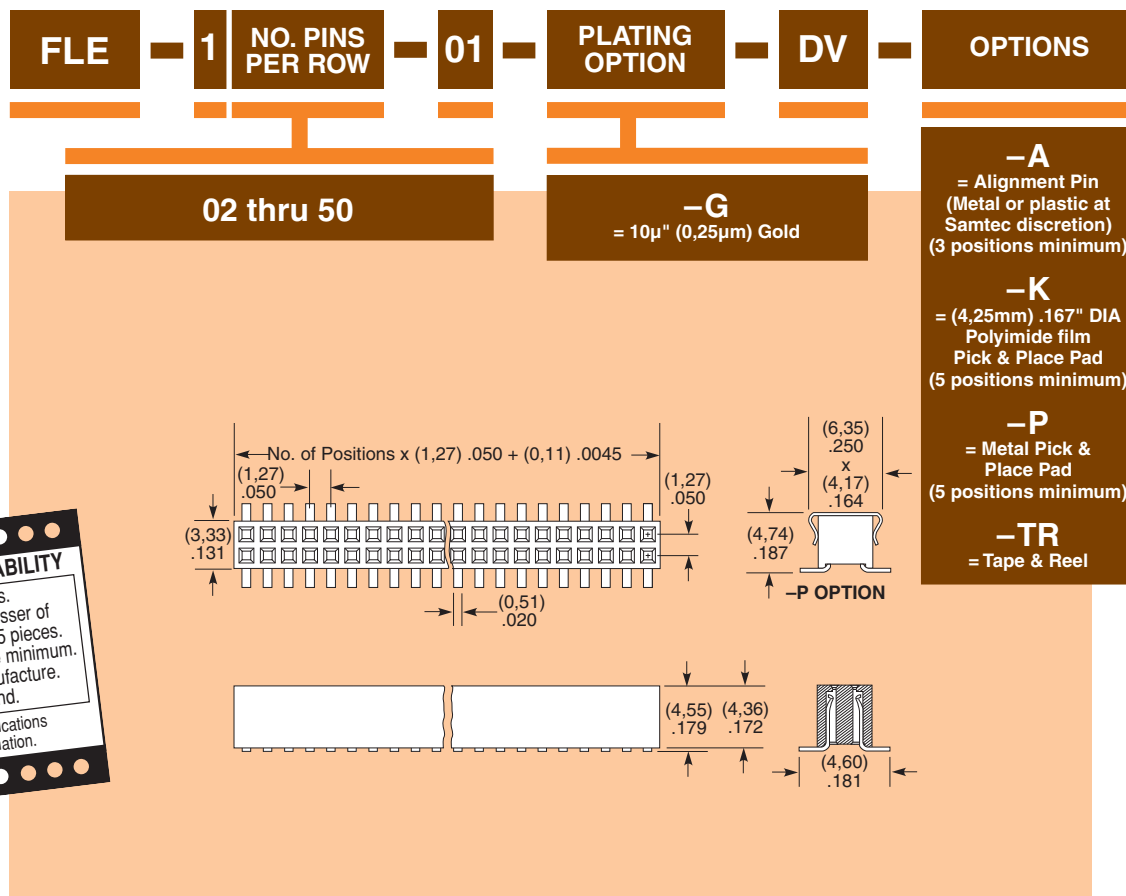
Tiger Beam contact

Ideal for pass-through applications

Surface Mount

Available with optional Pick & Place pads

(1,27mm) .050" micro pitch



TAPE & REEL AVAILABILITY

No tooling charges.
 Minimum order is the lesser of a full reel quantity or 125 pieces.
 Order any quantity above minimum.
 In-house design, manufacture.
 Quick turn-around.

Call Samtec for specifications and ordering information.

Note: Some lengths, styles and options are non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM

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