

(2.00 mm) .0787"

TLE-107-01-G-DV

TLE-115-01-G-DV

TLE-135-01-G-DV

TLE SERIES

COST-EFFECTIVE RELIABLE SOCKET

SPECIFICATIONS

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

Insulator Material:
Black Liquid Crystal Polymer

Contact Material:
Phosphor Bronze

Plating:
Au over 50 μ " (1.27 μ m) Ni

Current Rating (TLE/TMMH):
3.2 A per pin
(2 pins powered)

Operating Temp Range:
-55 $^{\circ}$ C to +125 $^{\circ}$ C

Insertion Depth:
(2.08 mm) .082" to

(4.37 mm) .172" with
(0.38 mm) .015" wipe,

pass-through, or
(3.35 mm) .132" min
for bottom entry

RoHS Compliant:
Yes

Mates with:
TMMH, TMM, MTMM,
MMT, TW, LTMM,
ZLTM, TCMD, TSH

TIGER
BEAM
CONTACT

Tiger BeamTM
contacts

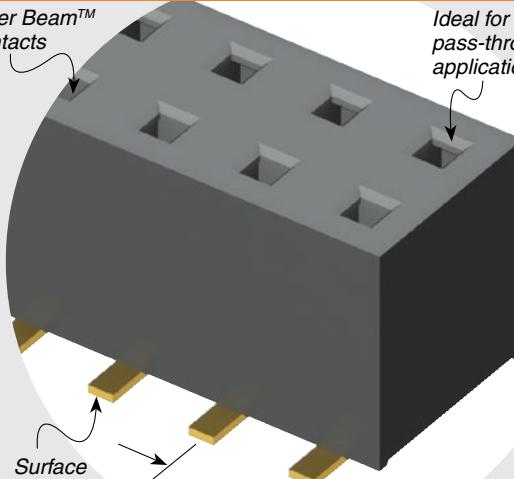
Ideal for
pass-through
applications

Available
with optional
pick & place pads

HIGH-SPEED CHANNEL PERFORMANCE

Rating based on Samtec reference
channel. For full SI performance data
visit Samtec.com or contact
SIG@samtec.com

8
G bps



(2.00 mm) .0787"
micro pitch

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max (02-26)
(0.15 mm) .006" max (27-50)*

*.004" stencil solution
may be available; contact
IPG@samtec.com

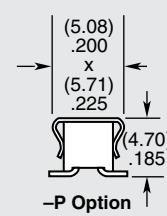
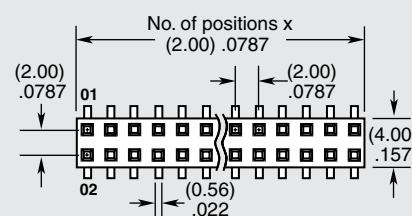
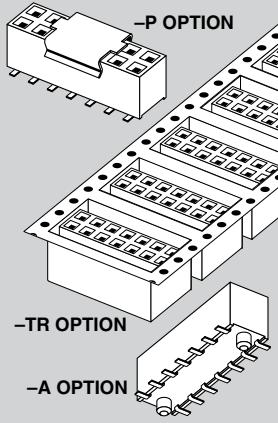
RECOGNITIONS

For complete scope of
recognition see
www.samtec.com/quality

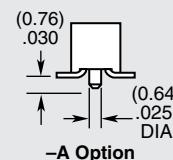
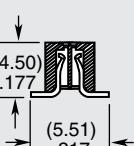
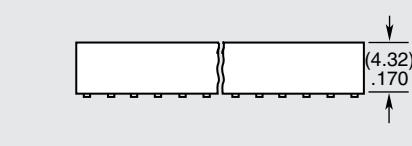


FILE NO. E111594

OPTIONS



-A = Alignment Pin (3 positions minimum)
-K = (5.00 mm) .197" DIA Polyimide Film Pick & Place Pad (3 positions minimum)
-P = Metal Pick & Place Pad (4 positions minimum)
-TR = Tape & Reel (2-37 positions only)
-FR = Full Reel Tape & Reel (must order maximum quantity per reel; contact Samtec for quantity breaks) (2-37 positions only)



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

All parts within this catalog are built to Samtec's specifications.
Requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.