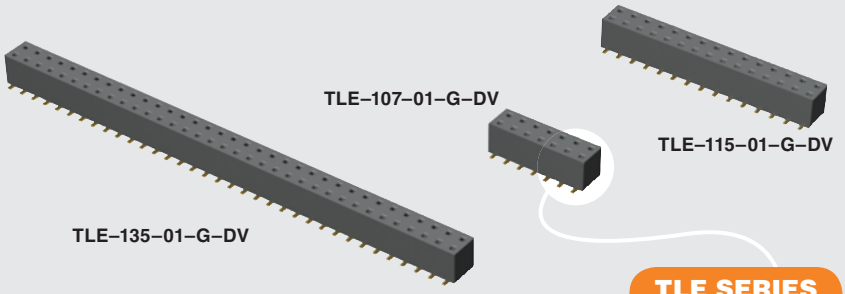
samtec



(2,00 mm) .0787"

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 50µ" (1,27 µm) Ni
Current Rating (TLE/TMMH):
3.2 A per pin
(1 pin powered per row)
Operating Temp Range:
-55°C to +125°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
Insertion Force:
(Single contact only)
2.75 oz (0,76 N) avg.
Withdrawal Force:
(Single contact only)
0.80 oz (0,22 N) avg.
RoHS Compliant:
Yes

Processing:

Lead–Free Solderable:
Yes
SMT Lead Coplanarity:
(0,10 mm) .004" max (02-26)
(0,15 mm) .006" max (27-50)

RECOGNITIONS

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

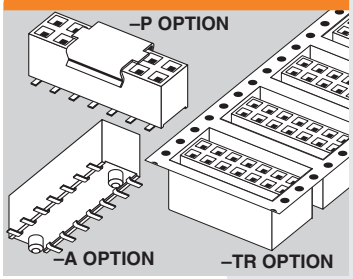
FILE NO. E111594

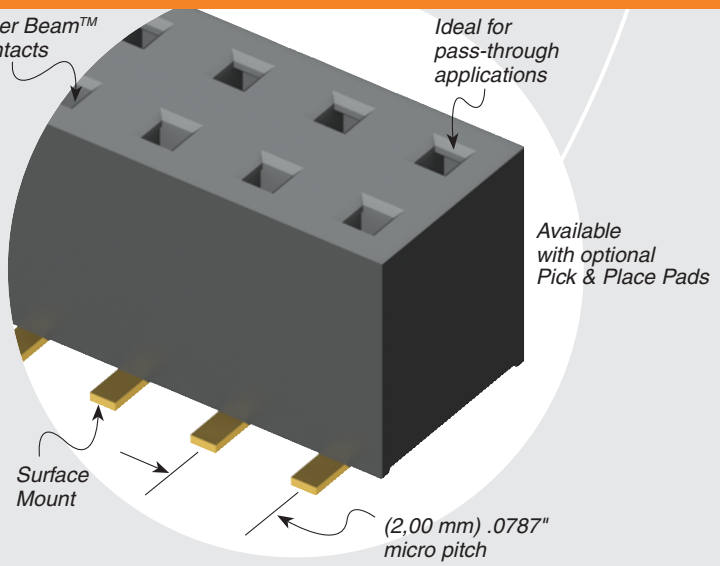
Note: Some lengths, styles and options are non-standard, non-returnable.

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

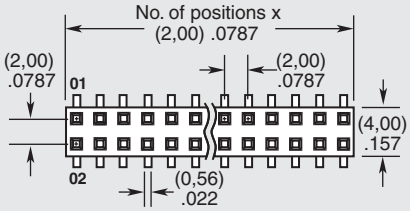
TIGER BEAM™ CONTACT

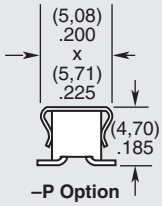
OPTIONS

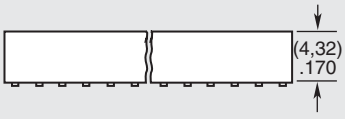


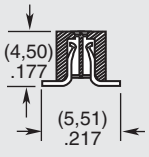


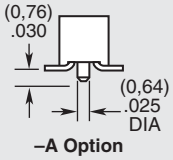
TLE	–	1	NO. PINS PER ROW	–	01	–	PLATING OPTION	–	DV	–	OPTION
			02 thru 50				–G = 10µ" (0,25 µm) Gold				–A = Alignment Pin (3 positions minimum) Metal or plastic at Samtec's discretion. –K = (5,00 mm) .197" DIA Polyimide Film Pick & Place Pad (3 positions minimum) –P = Metal Pick & Place Pad (4 positions minimum) –TR = Tape & Reel Packaging (2-37 positions only)











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.

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