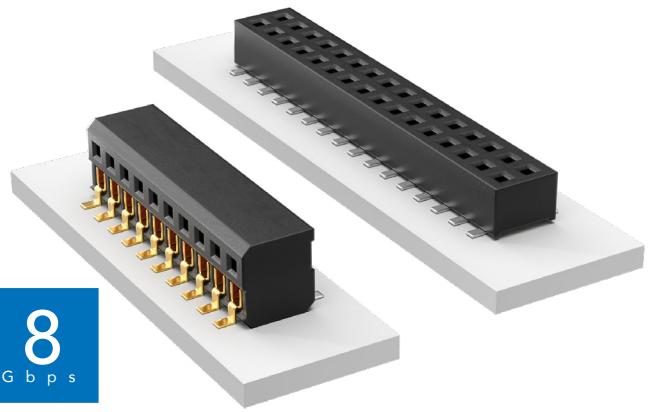


LOW-PROFILE DUAL WIPE SOCKET

(1.27 mm) .050" PITCH • CLP SERIES



CLP

Mates:

FTSH, FTS, FW

**TIGER™
CLAW**
CONTACT

SPECIFICATIONS

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Sn or Au over

50 μ" (1.27 μm) Ni

Current Rating (CLP/FTSH):

3.4 A per pin

(2 pins powered)

Voltage Rating:

280 VAC/395 VDC

Operating Temp Range:

-55 °C to +125 °C

Insertion Depth:

Top Entry =

(1.40 mm) .055" minimum

Bottom Entry =

(2.41 mm) .095" minimum

plus board thickness

DH Entry =

(2.31 mm) .091" to (2.67 mm) .105"

Normal Force:

60 grams (0.59 N) average

Max Cycles:

100 with 10 μ" (0.25 μm) Au

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max (02-35)

(0.15 mm) .006" max (36-50)*

*(.004" stencil solution

may be available)

ALSO AVAILABLE

MOQ Required

Single row

Other platings



CLP	1	NO. PINS PER ROW	02	PLATING OPTION	ROW OPTION	OTHER OPTIONS
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02 thru 50

-F
= Gold flash on contact, Matte Tin on tail

-L
= 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail

-G
= 10 μ" (0.25 μm) Gold (-D only)

-D
= Double Row

-DH
= Double Horizontal (Requires FTSH-04 lead style)

-BE
= Bottom Entry (Required for bottom entry applications)

-A
= Alignment Pin (Not available with -PA option) (05, 06, 07, 08, 10, 12, 15, 20, 25, 30, 40 positions only) (-DH option and other sizes. Contact Samtec.)

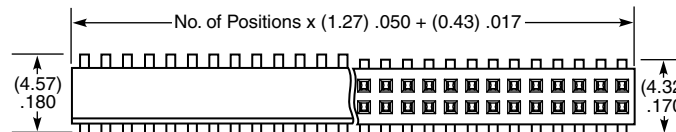
-K
= (4.00 mm) .157" DIA Polyimide film Pick & Place Pad (5 positions minimum)

-P
= Pick & Place Pad (5 positions min. -D only) (Not always necessary for auto placement. See Flex Processing.)

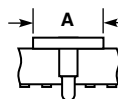
-PA
= Pick & Place Pad with Alignment Pin (-D only) (Not available with -A option)

-TR
= Tape & Reel

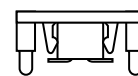
-FR
= Full Reel Tape & Reel (must order maximum quantity per reel; contact Samtec for quantity breaks)



PIN/ROW	A
04-15	(3.56) .140
16-50	(7.11) .280



If odd pins/row, alignment pins are on middle position on centerline of the part.
If even pins/row, then alignment pins are between middle two positions.



-PA OPTION



-P OPTION

Note:

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