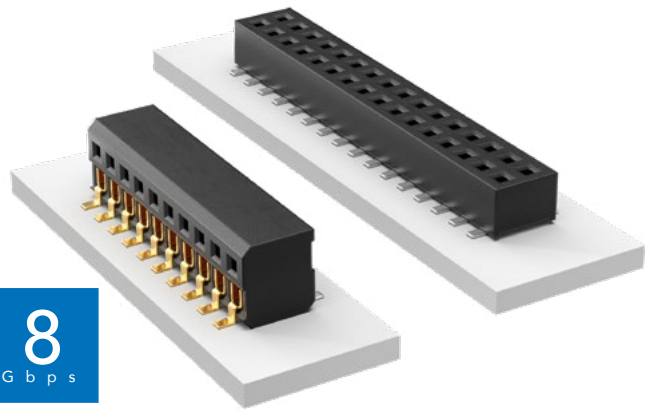


LOW-PROFILE DUAL WIPE SOCKET

8
Gbps



(1.27 mm) .050" PITCH • CLP SERIES

CLP

Mates:
FTSH, FTS, FW



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; contact
ipg@samtec.com)

ALSO AVAILABLE

MOQ Required

Single row
Other platings

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.)

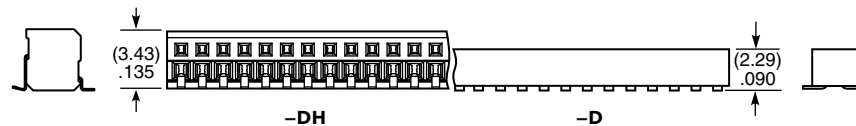
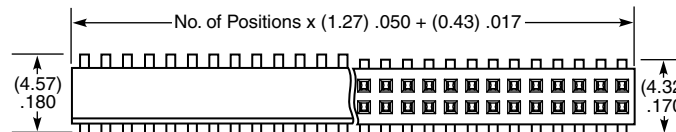
-K
= (4.00 mm) .157" DIA
Polyimide film Pick & Place Pad
(3 positions minimum)

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

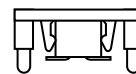
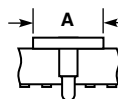
-PA
= Pick & Place Pad
with Alignment Pin
(-D only)
(Not available with -A option)

-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



-PA OPTION



-P OPTION

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.

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

[CLP-104-02-L-D](#) [CLP-102-02-G-D](#) [CLP-106-02-G-D-P-TR](#) [CLP-112-02-F-D-P-TR](#) [CLP-105-02-L-D](#) [CLP-105-02-F-DH](#) [CLP-106-02-L-D-K-TR](#) [CLP-104-02-G-D-TR](#) [CLP-105-02-F-D](#) [CLP-120-02-L-D-K-TR](#) [CLP-110-02-L-D](#) [CLP-103-02-L-D](#) [CLP-104-02-F-D](#) [CLP-102-02-L-D](#) [CLP-120-02-L-D](#) [CLP-104-02-G-D](#) [CLP-105-02-L-D-A-P-TR](#) [CLP-105-02-G-D-BE](#) [CLP-110-02-L-D-A](#) [CLP-125-02-L-D](#) [CLP-105-02-L-D-P](#) [CLP-110-02-G-D-BE](#) [CLP-105-02-G-D](#) [CLP-103-02-G-D-BE](#) [CLP-109-02-G-D-BE](#) [CLP-110-02-L-D-P-TR](#) [CLP-120-02-G-D](#) [CLP-115-02-F-D](#) [CLP-130-02-G-D-A](#) [CLP-107-02-F-DH](#) [CLP-112-02-F-D-BE](#) [CLP-110-02-L-DH-A](#) [CLP-105-02-L-D-K](#) [CLP-105-02-G-D-A](#) [CLP-150-02-F-D](#) [CLP-110-02-L-D-BE](#) [CLP-106-02-L-D-P](#) [CLP-107-02-F-D-P-TR](#) [CLP-116-02-L-D](#) [CLP-105-02-S-D](#) [CLP-110-02-F-D-K-TR](#) [CLP-110-02-L-DH-TR](#) [CLP-112-02-G-D](#) [CLP-113-02-G-D](#) [CLP-107-02-F-D-P](#) [CLP-118-02-G-D](#) [CLP-125-02-G-D](#) [CLP-107-02-L-D-BE](#) [CLP-132-02-F-D](#) [CLP-108-02-L-D](#) [CLP-150-02-G-D](#) [CLP-106-02-F-D-P-TR](#) [CLP-115-02-L-D-A-K-TR](#) [CLP-126-02-F-D](#) [CLP-108-02-F-D](#) [CLP-107-02-L-DH](#) [CLP-116-02-F-D](#) [CLP-120-02-L-D-P](#) [CLP-110-02-L-D-BE-K-TR](#) [CLP-110-02-L-DH](#) [CLP-107-02-G-D](#) [CLP-105-02-G-D-P-TR](#) [CLP-145-02-S-D-A-K](#) [CLP-120-02-F-D-BE](#) [CLP-111-02-G-D](#) [CLP-103-02-L-D-TR](#) [CLP-125-02-F-D-BE-A-K-TR](#) [CLP-103-02-G-D-TR](#) [CLP-110-02-G-D-PA](#) [CLP-108-02-F-D-P-TR](#) [CLP-110-02-F-D-A-K-TR](#) [CLP-105-02-G-D-P](#) [CLP-117-02-G-D](#) [CLP-140-02-L-D](#) [CLP-116-02-F-D-A](#) [CLP-104-02-F-DH-TR](#) [CLP-105-02-F-D-BE](#) [CLP-106-02-L-DH](#) [CLP-102-02-L-D-BE](#) [CLP-112-02-F-D-BE-K-TR](#) [CLP-130-02-G-D](#) [CLP-109-02-G-D](#) [CLP-105-02-L-D-A-K-TR](#) [CLP-120-02-L-D-A](#) [CLP-103-02-G-D](#) [CLP-105-02-F-D-K-TR](#) [CLP-105-02-F-D-A-K-TR](#) [CLP-110-02-G-D-A](#) [CLP-107-02-G-D-TR](#) [CLP-107-02-L-D-P-TR](#) [CLP-103-02-L-DH-TR](#) [CLP-110-02-L-D-K-TR](#) [CLP-128-02-F-D](#) [CLP-107-02-F-D-A](#) [CLP-111-02-F-D](#) [CLP-112-02-L-D](#) [CLP-111-02-F-D-BE](#) [CLP-112-02-L-D-A](#) [CLP-115-02-G-D-A](#) [CLP-104-02-F-DH](#)