

(1,27 mm) .050"

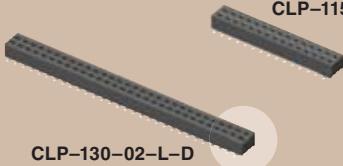
CLP SERIES



CLP-107-02-F-D-P



CLP-130-02-L-D



CLP-116-02-F-DH



LOW PROFILE DUAL WIPE SOCKET

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com/CLP

Insulator Material:
Black Liquid Crystal Polymer



Contact Material:
Phosphor Bronze

Plating:
Sn or Au over 50μ" (1.27 μm) Ni

Current Rating:
1.75A per contact @ 80°C ambient

Operating Temp Range:
-55°C to +125°C

Contact Resistance:
10 mΩ

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"

Insertion Force:
(Single contact only) 3.8 oz (1.05 N) average

Normal Force:
60 grams (0.59 N) average

Withdrawal Force:
(Single contact only) 2 oz (0.56 N) average

Max Cycles:
100 with 10μ" (0.25 μm) Au
RoHS Compliant:
Yes

Processing:
Lead-Free Solderable:

Yes

SMT Lead Coplanarity:
(0.10 mm) .004" max (02-35)
(0.15 mm) .006" max (36-50)

ALSO AVAILABLE

Single row available.
(Mates with FTS Series)
Call Samtec.

APPLICATION SPECIFIC OPTION

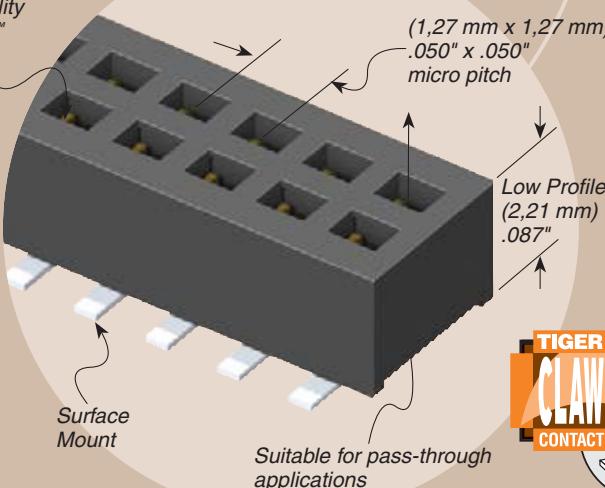
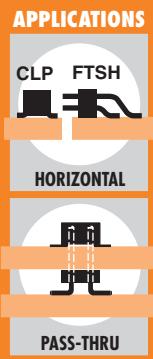
Single row options available.
Call Samtec.

Note: Other Gold plating options available.
Contact Samtec.

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

Mates with:
FTSH, FTS, FW

High reliability
Tiger Claw™
contacts



CLP	1	NO. PINS PER ROW	02	PLATING OPTION	ROW OPTION	OTHER OPTION
			02 thru 50			
				-F = Gold flash on contact, Matte Tin on tail -L = 10μ" (0.25 μm) Gold on contact, Matte Tin on tail -G = 10μ" (0.25 μm) Gold (-D only)	-D = Double Row -DH = Double Horizontal (Requires FTSH-01 lead style)	-BE = Bottom Entry (Required for bottom entry applications) -A = Alignment Pin (Not available with -PA option) (5, 10, 25 positions only) (-DH option and other sizes. Call Samtec)
						-K = (4.00 mm) .157" DIA Polyimide film Pick & Place Pad (5 positions min.)
						-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

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

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