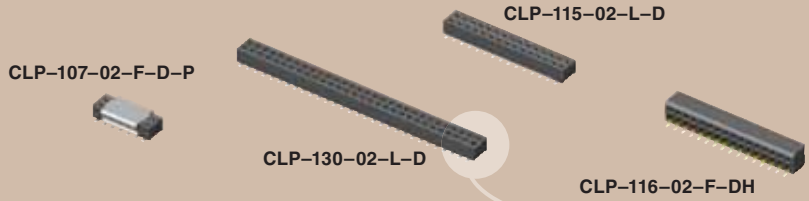




(1,27 mm) .050"



CLP SERIES

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 (CLP/FTSH):
3.3 A per pin
(1 pin powered per row)
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)

RECOGNITIONS

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



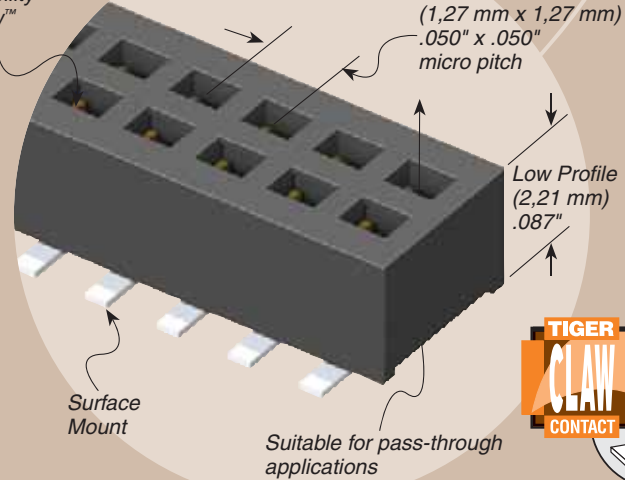
ALSO AVAILABLE
(MOQ Required)

- Single row
 - Other platings
- 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	-D = Double Row	-BE = Bottom Entry (Required for bottom entry applications)						
				-L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail	-DH = Double Horizontal (Requires FTSH -01 lead style)	-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.)						
				-G = 10µ" (0,25 µm) Gold (-D only)		-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)						
<table border="1"> <thead> <tr> <th>PIN/ROW</th> <th>A</th> </tr> </thead> <tbody> <tr> <td>04-15</td> <td>(3,56) .140</td> </tr> <tr> <td>16-50</td> <td>(7,11) .280</td> </tr> </tbody> </table>				PIN/ROW	A	04-15	(3,56) .140	16-50	(7,11) .280	<p>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.</p>		-TR = Tape & Reel
PIN/ROW	A											
04-15	(3,56) .140											
16-50	(7,11) .280											

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

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