



precidip

WWW.PRECIDIP.COM TEL +41 32 421 04 00 SALES@PRECIDIP.COM

DUAL-IN-LINE SOCKETS

OPEN FRAME / SURFACE MOUNT

Specially designed for reflow soldering including vapor phase with gull wing terminations for maximum strength and easy in-circuit test.

TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 127)

INSULATOR	Black glass filled polyester PCT-GF30-FR	
FLAMMABILITY	UL 94V-0	
SLEEVE	Brass CuZn36Pb3 (C36000)	
CONTACT CLIP (4 FINGER)	Beryllium copper (C17200)	
ACCEPTED PIN Ø	0.40 to 0.56 mm	
FORCES	2 N typ. insertion	1 N typ. withdrawal (polished steel gauge Ø 0.43 mm)
MECHANICAL LIFE	Min. 100 cycles	
RATED CURRENT	1 A	
CONTACT RESISTANCE	Max. 10 mΩ	
DIELECTRIC STRENGTH	Min. 1'000 VRMS	
COPLANARITY	Max. 0.10 mm	
SMD TERMINATIONS		



ORDERING INFORMATION ROHS COMPLIANT PARTS

PP PLATING CODE	SLEEVE	CLIP
87	Tin	Flash gold
83	Tin	0.75 µm gold

Other plating on request (see page 178 for plating specs).



NO. OF POLES	A	B	C	D	SEE PAGE 128	ORDER CODES
10	12.6	5.08	7.6	9.72	Fig. 1	110-PP-210-41-105101
4	5.0	7.62	10.1	12.26	Fig. 2	110-PP-304-41-105101
6	7.6	7.62	10.1	12.26	Fig. 3	110-PP-306-41-105101
8	10.1	7.62	10.1	12.26	Fig. 4	110-PP-308-41-105101
10	12.6	7.62	10.1	12.26	Fig. 5	110-PP-310-41-105101
12	15.2	7.62	10.1	12.26	Fig. 6	110-PP-312-41-105101
14	17.7	7.62	10.1	12.26	Fig. 7	110-PP-314-41-105101
16	20.3	7.62	10.1	12.26	Fig. 8	110-PP-316-41-105101
18	22.8	7.62	10.1	12.26	Fig. 9	110-PP-318-41-105101
20	25.3	7.62	10.1	12.26	Fig. 10	110-PP-320-41-105101
22	27.8	7.62	10.1	12.26	Fig. 11	110-PP-322-41-105101
24	30.4	7.62	10.1	12.26	Fig. 12	110-PP-324-41-105101
28	35.5	7.62	10.1	12.26	Fig. 13	110-PP-328-41-105101
20	25.4	10.16	12.6	14.80	Fig. 14	110-PP-420-41-105101
22	27.8	10.16	12.6	14.80	Fig. 15	110-PP-422-41-105101
24	30.4	10.16	12.6	14.80	Fig. 16	110-PP-424-41-105101
28	35.5	10.16	12.6	14.80	Fig. 17	110-PP-428-41-105101
32	40.6	10.16	12.6	14.80	Fig. 18	110-PP-432-41-105101
24	30.5	15.24	17.7	19.88	Fig. 20	110-PP-624-41-105101
28	35.5	15.24	17.7	19.88	Fig. 21	110-PP-628-41-105101
32	40.6	15.24	17.7	19.88	Fig. 22	110-PP-632-41-105101
36	45.7	15.24	17.7	19.88	Fig. 23	110-PP-636-41-105101
40	50.8	15.24	17.7	19.88	Fig. 24	110-PP-640-41-105101
42	53.3	15.24	17.7	19.88	Fig. 25	110-PP-642-41-105101
48	60.9	15.24	17.7	19.88	Fig. 26	110-PP-648-41-105101

PCB LAYOUT



Mouser Electronics

Authorized Distributor

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

Preci-dip:

[110-83-314-41-105101](#) [110-83-210-41-105101](#) [110-83-304-41-105101](#) [110-83-306-41-105101](#) [110-83-308-41-105101](#) [110-83-312-41-105101](#) [110-87-424-41-105101](#) [110-87-428-41-105101](#) [110-87-432-41-105101](#) [110-87-624-41-105101](#) [110-87-314-41-105101](#) [110-87-320-41-105101](#) [110-87-322-41-105101](#) [110-87-324-41-105101](#) [110-87-328-41-105101](#) [110-87-422-41-105101](#) [110-87-306-41-105101](#) [110-87-310-41-105101](#) [110-87-312-41-105101](#) [110-87-642-41-105101](#) [110-87-316-41-105101](#) [110-83-636-41-105101](#) [110-83-640-41-105101](#) [110-83-642-41-105101](#) [110-83-648-41-105101](#) [110-87-210-41-105101](#) [110-87-304-41-105101](#) [110-83-632-41-105101](#) [110-83-624-41-105101](#) [110-87-648-41-105101](#) [110-87-640-41-105101](#) [110-87-636-41-105101](#) [110-87-318-41-105101](#) [110-83-420-41-105101](#) [110-83-422-41-105101](#) [110-83-424-41-105101](#) [110-83-428-41-105101](#) [110-83-432-41-105101](#) [110-83-310-41-105101](#) [110-83-316-41-105101](#) [110-83-318-41-105101](#) [110-83-320-41-105101](#) [110-83-322-41-105101](#) [110-83-324-41-105101](#) [110-83-328-41-105101](#) [110-87-632-41-105101](#) [110-87-628-41-105101](#) [110-87-308-41-105191](#) [110-83-306-41-105191](#) [110-83-308-41-105191](#) [110-83-310-41-105191](#) [110-83-312-41-105191](#) [110-83-314-41-105191](#) [110-83-316-41-105191](#) [110-83-318-41-105191](#) [110-83-320-41-105191](#) [110-83-324-41-105191](#) [110-83-328-41-105191](#) [110-83-628-41-105191](#) [110-87-306-41-105191](#) [110-87-310-41-105191](#) [110-87-312-41-105191](#) [110-87-314-41-105191](#) [110-87-316-41-105191](#) [110-87-318-41-105191](#) [110-87-320-41-105191](#) [110-87-324-41-105191](#) [110-87-328-41-105191](#) [110-87-628-41-105191](#) [110-87-632-41-105191](#) [110-83-632-41-105191](#)