

FEATURES AND SPECIFICATIONS

Features and Benefits

- Fully shrouded to protect pins during mating/unmating
- Polarizing slots guide front ribs of mating connector to prevent pin damage
- Latch window retains positive lock after mating

Reference Information

Product Specification: PSX-71349

Packaging Type: Tube

Mates with: C-Grid Receptacles, 70013 Version B interim clip and 70450A crimp housing

Designed in: Inches

Electrical

Electrical Voltage: 250V

Current: 3.0A

Contact Resistance: 15mΩ max.

Dielectric Withstanding Voltage: 1500V

Insulation Resistance: 1000 MΩ min.

Mechanical

Contact Retention to Housing: 17.79N (4 lb.)

Durability: Tin/Lead—25 cycles

Gold—50 cycles

Physical

Physical Housing: Black glass-filled LCP, UL 94V-0

Contact: Phosphor Bronze

Plating: See Table

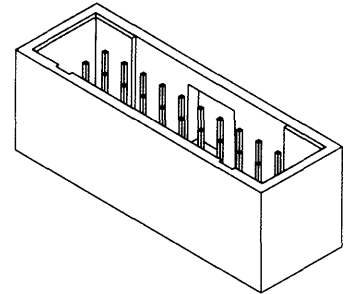
Operating Temperature: -40 to +105°C

molex® 2.54 (.100") Pitch
C-Grid®

Shrouded Header

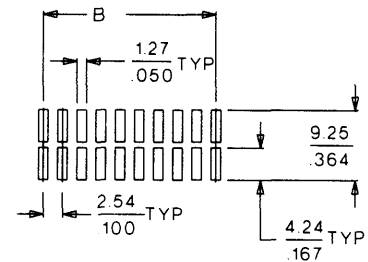
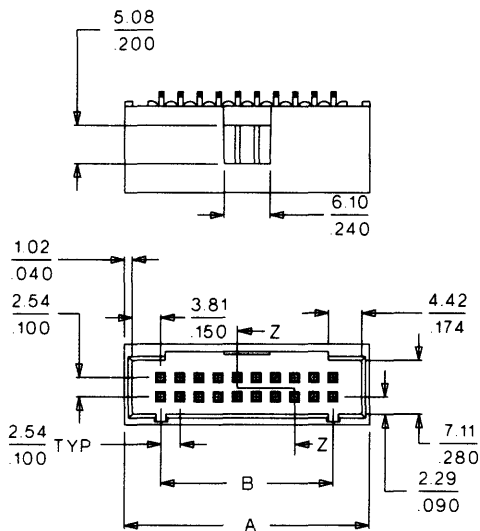
71349

**Dual Row, SMT
Vertical Without Pegs**

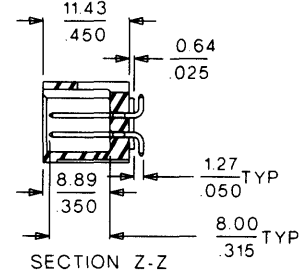


2.54mm (.100") Pitch

CATALOG DRAWING (FOR REFERENCE ONLY)



PCB LAYOUT: COMPONENT SIDE



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.			Dimension	
	150 Tin/Lead	15 Min. Gold	30 Min. Gold	A	B
6	71349-1001	71349-1035	71349-1069	14.73 (.580)	5.08 (.200)
8	71349-1002	71349-1036	71349-1070	17.27 (.680)	7.62 (.300)
10	71349-1003	71349-1037	71349-1071	19.81 (.780)	10.16 (.400)
12	71349-1004	71349-1038	71349-1072	22.35 (.880)	12.70 (.500)
14	71349-1005	71349-1039	71349-1073	24.89 (.980)	15.24 (.600)
16	71349-1006	71349-1040	71349-1074	27.43 (1.080)	17.78 (.700)
18	71349-1007	71349-1041	71349-1075	29.97 (1.180)	20.32 (.800)
20	71349-1008	71349-1042	71349-1076	32.51 (1.280)	22.86 (.900)
22	71349-1009	71349-1043	71349-1077	35.05 (1.380)	25.40 (1.000)
24	71349-1010	71349-1044	71349-1078	37.59 (1.480)	27.94 (1.100)
26	71349-1011	71349-1045	71349-1079	40.13 (1.580)	30.48 (1.200)
28	71349-1012	71349-1046	71349-1080	42.67 (1.680)	33.02 (1.300)
30	71349-1013	71349-1047	71349-1081	45.21 (1.780)	35.56 (1.400)
32	71349-1014	71349-1048	71349-1082	47.75 (1.880)	38.10 (1.500)
34	71349-1015	71349-1049	71349-1083	50.29 (1.980)	40.64 (1.600)
36	71349-1016	71349-1050	71349-1084	52.83 (2.080)	43.18 (1.700)
38	71349-1017	71349-1051	71349-1085	55.37 (2.180)	45.72 (1.800)

Circuits	Order No.			Dimension	
	150 Tin/Lead	15 Min. Gold	30 Min. Gold	A	B
40	71349-1018	71349-1052	71349-1086	57.91 (2.280)	48.26 (1.900)
42	71349-1019	71349-1053	71349-1087	60.45 (2.380)	50.80 (2.000)
44	71349-1020	71349-1054	71349-1088	62.99 (2.480)	53.34 (2.100)
46	71349-1021	71349-1055	71349-1089	65.53 (2.580)	55.88 (2.200)
48	71349-1022	71349-1056	71349-1090	68.07 (2.680)	58.42 (2.300)
50	71349-1023	71349-1057	71349-1091	70.61 (2.780)	60.96 (2.400)
52	71349-1024	71349-1058	71349-1092	73.15 (2.880)	63.50 (2.500)
54	71349-1025	71349-1059	71349-1093	75.69 (2.980)	66.04 (2.600)
56	71349-1026	71349-1060	71349-1094	78.23 (3.080)	68.58 (2.700)
58	71349-1027	71349-1061	71349-1095	80.77 (3.180)	71.12 (2.800)
60	71349-1028	71349-1062	71349-1096	83.31 (3.280)	73.66 (2.900)
62	71349-1029	71349-1063	71349-1097	85.85 (3.380)	76.20 (3.000)
64	71349-1030	71349-1064	71349-1098	88.39 (3.480)	78.74 (3.100)
66	71349-1031	71349-1065	71349-1099	90.93 (3.580)	81.28 (3.200)
68	71349-1032	71349-1066	71349-1100	93.47 (3.680)	83.82 (3.300)
70	71349-1033	71349-1067	71349-1101	96.01 (3.780)	86.36 (3.400)
72	71349-1034	71349-1068	71349-1102	98.55 (3.880)	88.90 (3.500)