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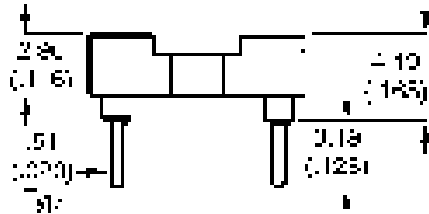
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DIP Socket, Screw Machine

DIP308001B



Open frame



Features Selected

Product Style	DIP, Screw Machine
# of Positions	8
Row-to-Row Spacing	7.62 mm (0.300 in.)
Inner Clip/Contact Plating	30 µin. Gold over Nickel
Outer Shell Plating	150 µin. Tin over Nickel
Contact Profile	4.19mm (.165 in.) off PCB
Mounting Style	Through hole

Other Properties

Tail Length	3.18 mm (0.125 in.)
Insulator Type	Standard
Insertion Force	175 gms per contact
Frame Type Style	Open
# of Rows	2
Contact Gender	Socket

# of Positions per Row	4
Contact Style	001B
Packaging Type	Tube
Insulator Material	Glass-reinforced polyester thermoplastic, UL 94V-0, or glass-reinforced polyphenylene sulfide, UL 94V-0, or glass-reinforced epoxy laminate, UL 94V-0
Contact Base Material	Beryllium Copper
Outer Shell Base Metal	Brass
Inner Clip/Contact Base Metal	Beryllium Copper
Contact Resistance	10 m ohms
Contact Capacitance	0.3 pF
Current Rating	2 amps
Voltage Rating	100 V AC
Insertion Force	175 gms per contact
Withdrawal Force	90 gms per contact
Durability (Mating Cycles)	>= 100 cycles at 10 m ohms max. change
Continuous Use Temperature	140°C for polyester thermoplastic and epoxy laminate, 140 °C for polyphenylene sulfide
Heat Deflection Temperature	204 °C for polyester thermoplastic, 260 °C for polyphenylene sulfide and 149 °C for epoxy laminate
Dim A	7.62 mm
Dim A (in.)	0.300 in.
Dim B	10.16 mm
Dim B (in.)	0.400 in.
Dim C	10.16 mm
Dim C (in.)	0.400 in.
Inner clip Dim A	2.10 mm
Inner clip Dim A (in.)	0.083 in.
Inner clip Dim B	2.79/3.56 mm
Inner clip Dim B (in.)	0.110/0.140 in.
PCB mount dim.	0.61 mm
PCB mount dim. (in.)	0.024 in.
Mating min. dim.	0.38 mm
Mating min. dim. (in.)	0.015 in.
Mating max. dim.	0.63 mm

Mating max. dim. (in.)	0.025 in.
Contact Dim T	3.18 mm
Contact Dim T (in.)	0.125 in.
Contact Dim A	7.37 mm
Contact Dim A (in.)	0.290 in.
Contact Dim B	4.19 mm
Contact Dim B (in.)	0.165 in.
Contact Dim C	0.76 mm
Contact Dim C (in.)	0.030 in.
Contact Dim H	1.83 mm
Contact Dim H (in.)	0.072 in.
Contact Dim J	1.52 mm
Contact Dim J (in.)	0.060 in.
Contact Dim K	1.35 mm
Contact Dim K (in.)	0.053 in.
Contact Dim L	0.51 mm
Contact Dim L (in.)	0.020 in.
Max Depth	3.89 mm
Max Depth (in.)	0.153 in.
Approvals & Certification	UL approved
Product Specifications	MIL-STD 202, MIL-STD 1344, MIL-S-83505, MIL-M-24519, MIL-C-14550, MIL-G-45204, MIL-P-81728, MIL-S-83734
Literature	950530-008

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