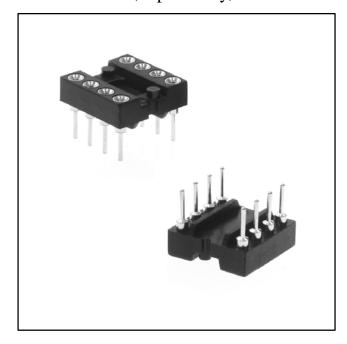
## 3M<sup>™</sup> DIP Socket Screw Machine, Open Body, Automated Insertion



# • High retention pin sockets prevent "IC walk-out" during heavy vibration

- Pin socket design prevents solder wicking and flux entrapment
- Four-finger beryllium copper contacts provide low, stable contact resistance and accept short IC leads
- Side and end stackable
- High temperature IR compatible plastic available
- Standoff on insulator eases sockets through automated insertion machines

Date Modified: July 28, 2004

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## Physical

InsulationMaterialBlack Polyester Glass Filled or HTNFlammability:UL 94V-0Color:BlackContactShell Material:Half Hard BrassClip Material:Beryllium CopperPlatingUnderplate:50 μ" [ 1.27 μm ] min. NickelWiping Area:See Ordering InformationTerminal Area:200 μ" [ 5.08 μm ] min. Tin/LeadInsertion / Removal Forces:12 ounces max per contact using .017" [ 0.43mm ] dia. pinWithdrawal Force:1.5 ounces min. per contact using .017" [ 0.43mm ] dia. pin

### Electrical

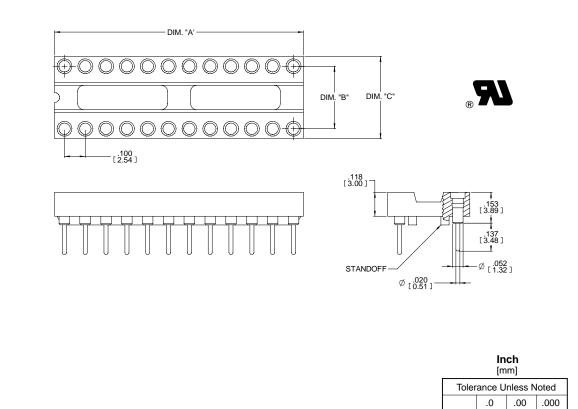
Current Rating:	1.0 A
<b>Contact Resistance:</b>	$20 \text{ m}\Omega \text{ max.}$
<b>Dialectric Withstanding Voltage:</b>	500V AC for 1 minute
Insulation Resistance:	5,000 MΩ min. at 500V DC
Withstanding Voltage:	650V AC for 1 minute
Capacitance:	1 pF max.

#### Environmental

**Temperature Rating:** -65°C to +125°C

UL File No.: E68080

Contact Quantity	Description	Dimension A	Dimension B	Dimension C	Body Style
6	ICE-063-SD2-XXXX	.295 [7.49]	.300 [7.62]	.395 [10.03]	А
8	ICE-083-SD2-XXXX	.395 [10.03]	.300 [7.62]	.395 [10.03]	А
10	ICE-103-SD2-XXXX	.495 [12.57]	.300 [7.62]	.395 [10.03]	А
14	ICE-143-SD2-XXXX	.695 [17.65]	.300 [7.62]	.395 [10.03]	А
16	ICE-163-SD2-XXXX	.795 [20.19]	.300 [7.62]	.395 [10.03]	А
18	ICE-183-SD2-XXXX	.895 [22.73]	.300 [7.62]	.395 [10.03]	В
20	ICE-203-SD2-XXXX	.995 [25.27]	.300 [7.62]	.395 [10.03]	В
22	ICE-223-SD2-XXXX	1.095 [27.81]	.300 [7.62]	.395 [10.03]	В
24	ICE-243-SD2-XXXX	1.195 [30.35]	.300 [7.62]	.395 [10.03]	В
24	ICE-246-SD2-XXXX	1.195 [30.35]	.600 [15.24]	.695 [17.65]	В
28	ICE-283-SD2-XXXX	1.395 [35.43]	.300 [7.62]	.395 [10.03]	В
28	ICE-286-SD2-XXXX	1.395 [35.43]	.600 [15.24]	.695 [17.65]	В
32	ICE-326-SD2-XXXX	1.595 [40.51]	.600 [15.24]	.695 [17.65]	В
40	ICE-406-SD2-XXXX	1.995 [50.67]	.600 [15.24]	.695 [17.65]	С
42	ICE-426-SD2-XXXX	2.095 [53.21]	.600 [15.24]	.695 [17.65]	С
48	ICE-486-SD2-XXXX	2.395 [60.83]	.600 [15.24]	.695 [17.65]	С





Inch

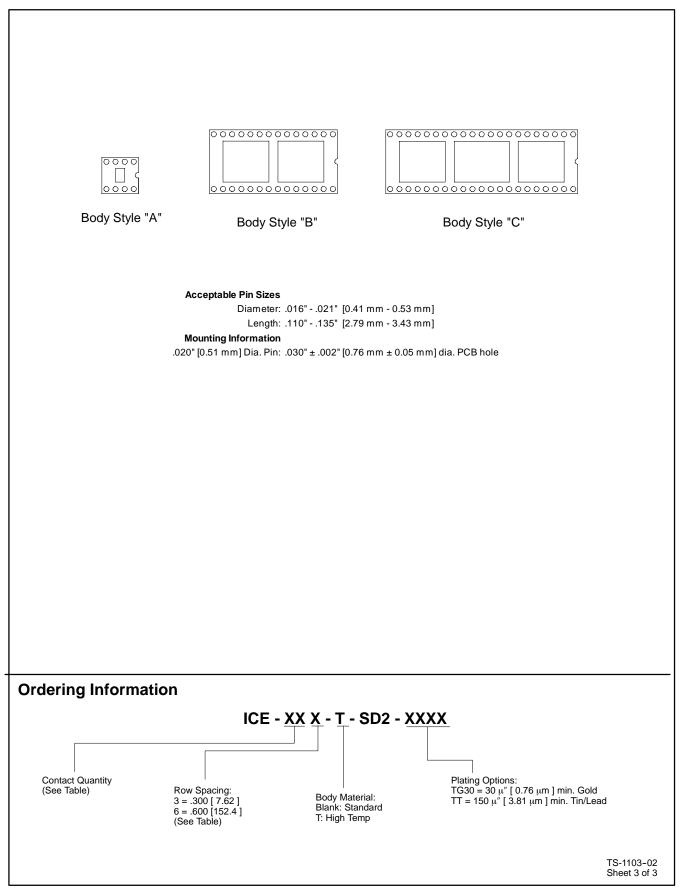
± .1

[ ] Dimensions for Reference only

±.01 ±.005

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## 3M<sup>™</sup> DIP Socket Screw Machine, Open Body, Automated Insertion



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