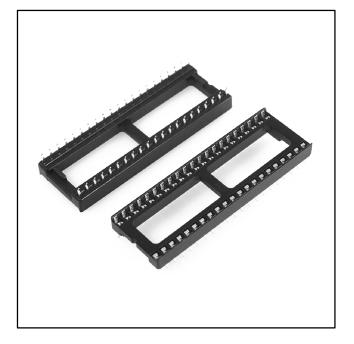
3M[™] DIP Socket

Stamped and Formed, Dual-Wipe



- Dual leaf, high compression contact provides gas-tight termination
- Automatic insertion option is compatible with most insertion equipment
- Side and end stackable
- Anti-overstress design prevents contact spring damage
- Phosphor bronze contacts

Date Modified:March 10, 2003

TS-1099-01 Sheet 1 of 2

Physical

Insulation	
Material:	Polyester Glass Filled
Flammability:	UL 94V-0
Color:	Black
Contact	
Material:	Phosphor Bronze
Plating	-
Underplating:	Nickel
Wiping Area:	80 μ", [2.03 μm] min. Tin Lead
Termination Area:	80 μ", [2.03 μm] min. Tin Lead
Insertion/Withdrawal Forces	
Insertion Force:	340 grams max. per contact
Withdrawal Force:	14.5 grams min. per contact
Acceptable Pin Sizes	
Diameter:	.008"015" [0.20 mm - 0.35 mm]
Length:	.100"130" [2.54 mm - 3.30 mm]
Mounting Information	
Hole Diameter:	.038"042" [0.97 mm - 1.07 mm]
Location:	IC leads and socket leads are coincident

Electrical

Current Rating: 1 AInsulation Resistance: $5,000 \text{ M}\Omega \text{ min. at } 500 \text{ DC}$ Withstanding Voltage: 100 V AC for 1 minute

Environmental

Temperature Rating: -25°C to +85°C

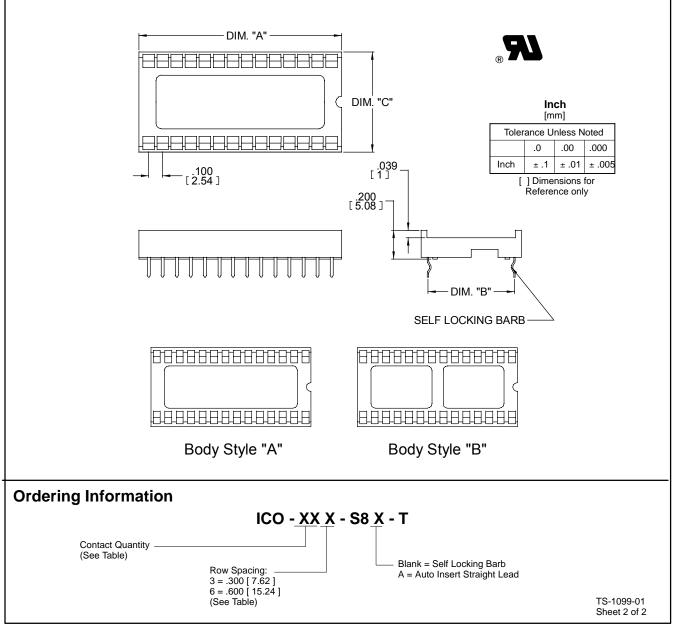
UL File No.: E68080

ЗM

Interconnect Solutions http://www.3M.com/interconnects/

3M[™] DIP Socket Stamped and Formed, Dual-Wipe

Contact Quantity	Description	Dimension A	Dimension B	Dimension C	Body Style
6	ICO-063-S8X-T	0.295 [7.49]	.300 [7.62]	.400 [10.16]	А
8	ICO-083-S8X-T	.395 [10.03]	.300 [7.62]	.400 [10.16]	Α
14	ICO-143-S8X-T	.695 [17.65]	.300 [7.62]	.400 [10.16]	Α
16	ICO-163-S8X-T	.795 [20.19]	.300 [7.62]	.400 [10.16]	Α
18	ICO-183-S8X-T	.895 [22.73]	.300 [7.62]	.400 [10.16]	А
20	ICO-203-S8X-T	.995 [25.27]	.300 [7.62]	.400 [10.16]	А
24	ICO-243-S8X-T	1.195 [30.35]	.300 [7.62]	.400 [10.16]	А
24	ICO-246-S8X-T	1.195 [30.35]	.300 [7.62]	.700 [17.78]	В
28	ICO-286-S8X-T	1.395 [35.43]	.600 [15.24]	.700 [17.78]	В
32	ICO-326-S8X-T	1.595 [40.51]	.600 [15.24]	.700 [17.78]	В
40	ICO-406-S8X-T	1.995 [50.67]	.600 [15.24]	.700 [17.78]	В
48	ICO-486-S8X-T	2.395 [60.83]	.600 [15.24]	.700 [17.78]	В



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