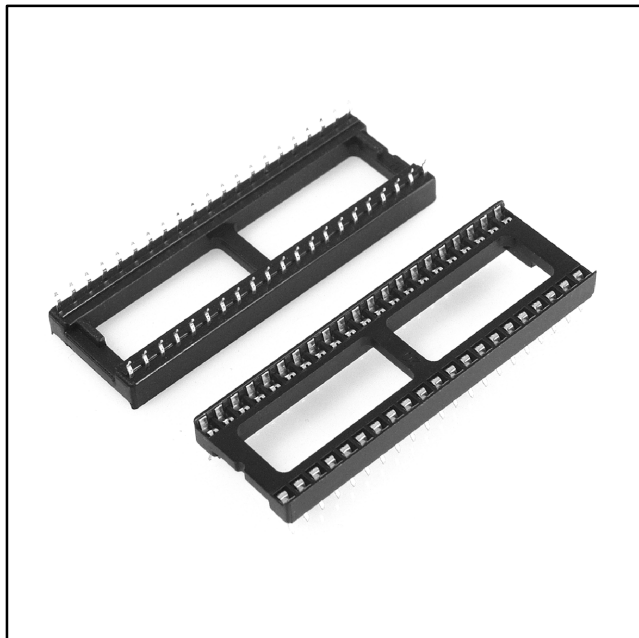


3M™ DIP Socket

Stamped and Formed, Dual-Wipe

ICO Series



- 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

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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 μ m] min. Tin Lead
Termination Area: 80 μ " [2.03 μ m] 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 A
Insulation Resistance: 5,000 M Ω min. at 500V DC
Withstanding Voltage: 100V AC for 1 minute

Environmental

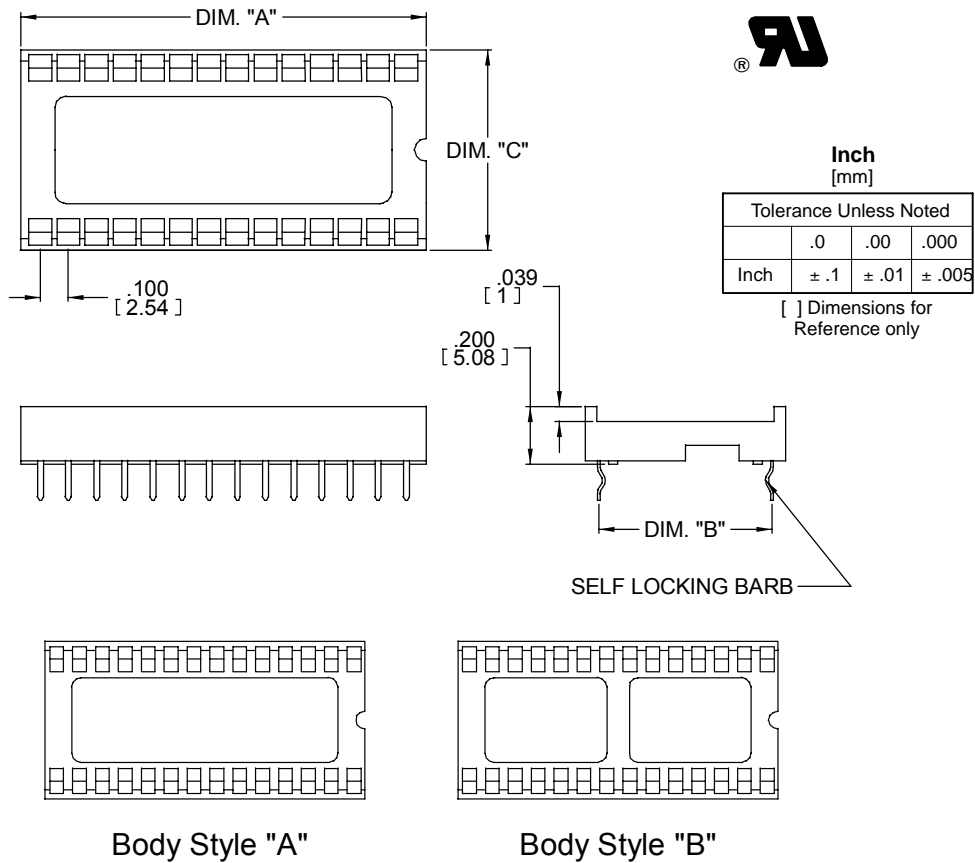
Temperature Rating: -25°C to +85°C

UL File No.: E68080

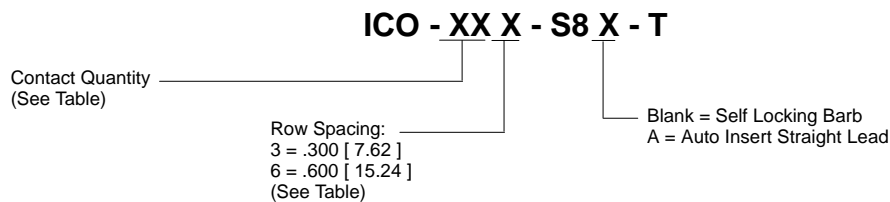
3M
Interconnect Solutions
<http://www.3M.com/interconnects/>

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800-225-5373

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



Ordering Information



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