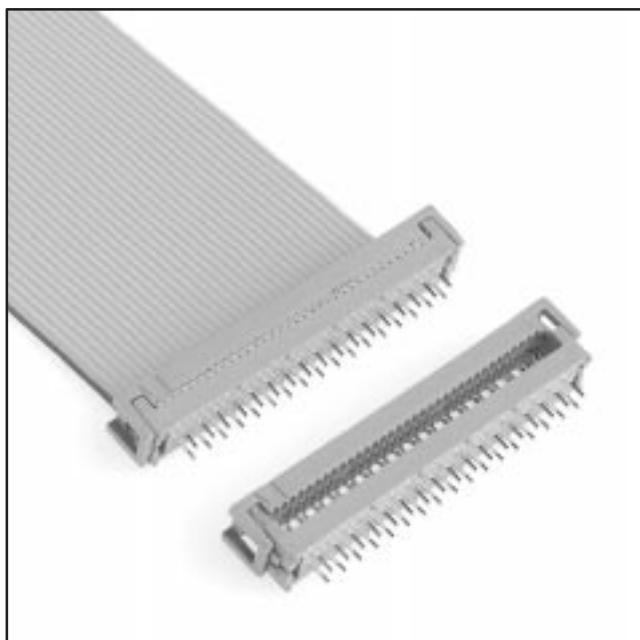


.100" x .100" PCB

Two Row

3900 Series



104

IMPORTANT NOTICE TO PURCHASER

ALL STATEMENTS, TECHNICAL INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED ON TESTS WE BELIEVE TO BE RELIABLE, BUT THE ACCURACY OR COMPLETENESS THEREOF IS NOT GUARANTEED, AND THE FOLLOWING IS MADE IN LIEU OF ALL WARRANTIES, EXPRESSED OR IMPLIED:

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Date Issued: August 5, 1997

TS-0004-13
Sheet 1 of 3

Physical

Insulation

Material: Glass Filled Polyester (PBT)

Flammability: UL 94V-0

Color: Gray

Contact

Material: See Ordering Information

Plating

Underplate: 2.5 μ m [100 μ "] Nickel — QQ-N-290, Class 2

U-Slot & Solder Tails: 5.1 μ m [200 μ "] [90/10] Tin Lead — MIL-P-81728

Marking: 3M Logo, Part Identification Number

Strain Relief

Material: Stainless Steel, 0.38 [0.15] Thk
Gray PVC

Wire Accommodation: Solid or Stranded 26 & 28 AWG

Electrical

Current Rating: 1 A

Insulation Resistance: $> 1 \times 10^9 \Omega$ at 500 Vdc

Withstanding Voltage: 1000 Vrms at Sea Level

Environmental

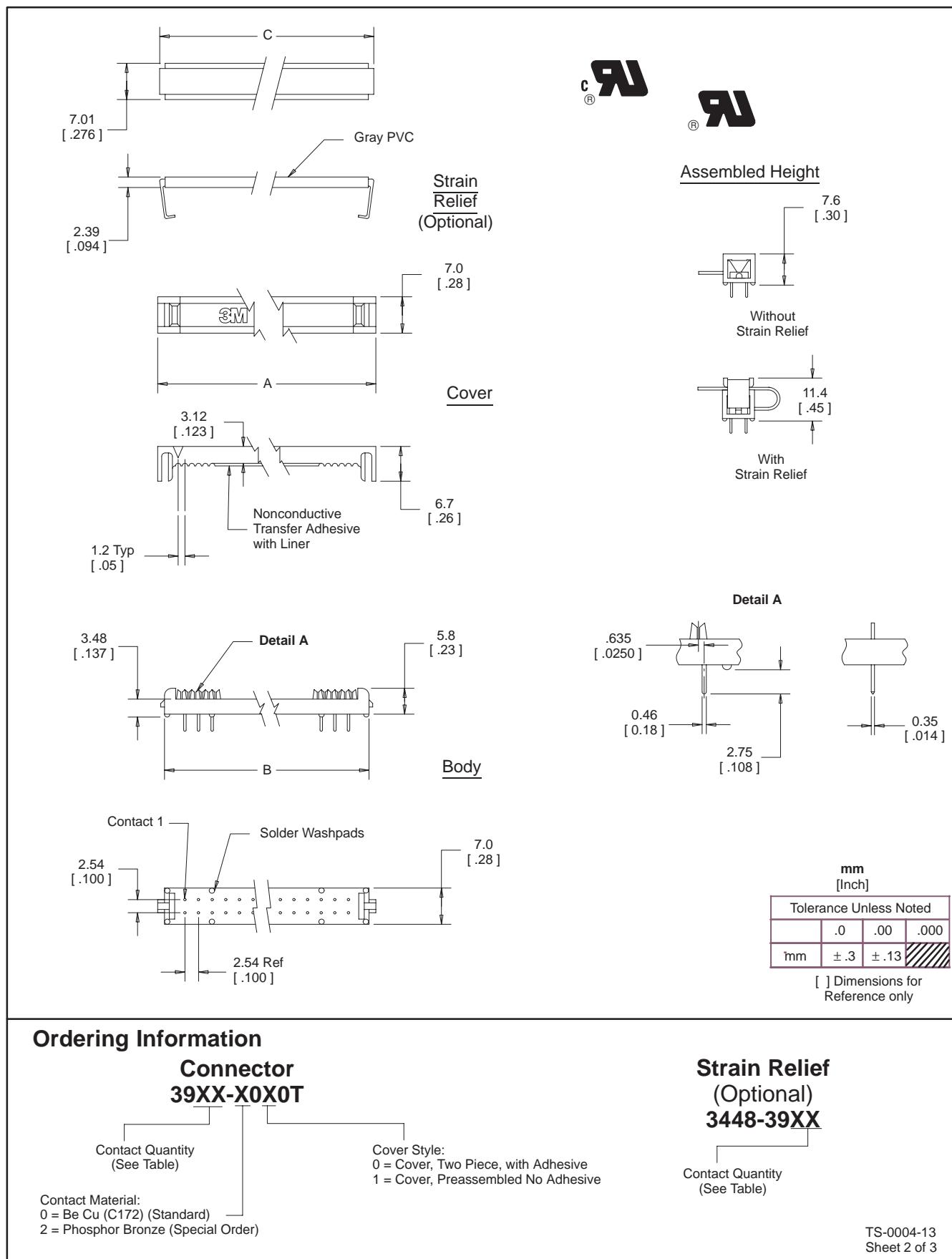
Temperature Rating: -55°C to +105°C

UL File No.: E68080

3M Electronic Products Division

6801 River Place Blvd.
Austin, TX 78726-9000

For technical, sales or ordering information call
800-225-5373

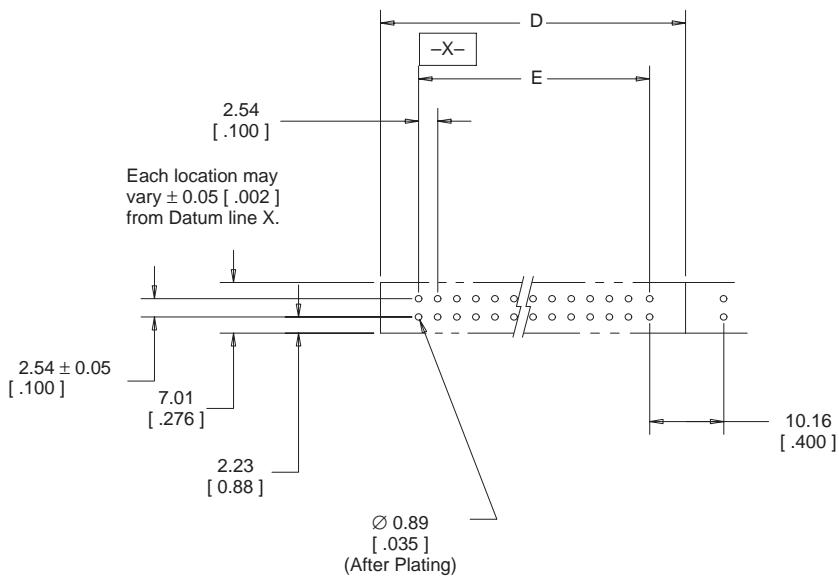


.100" x .100" PCB

Two Row

3900 Series

Contact Quantity	Dimensions				
	A	B	C	D	E
06	15.2 [0.60]	12.8 [0.50]	14.6 [0.57]	15.2 [0.60]	5.1 [0.20]
08	17.7 [0.70]	15.3 [0.60]	17.1 [0.67]	17.7 [0.70]	7.6 [0.30]
10	20.4 [0.80]	17.8 [0.70]	19.8 [0.78]	20.4 [0.80]	10.2 [0.40]
14	25.5 [1.00]	22.9 [0.90]	25.0 [0.98]	25.5 [1.00]	15.2 [0.60]
16	28.1 [1.10]	25.5 [1.00]	27.4 [1.08]	28.1 [1.10]	17.8 [0.70]
20	33.1 [1.30]	30.5 [1.20]	32.5 [1.28]	33.1 [1.30]	22.9 [0.90]
24	38.0 [1.50]	35.6 [1.40]	37.4 [1.47]	38.0 [1.50]	27.9 [1.10]
26	40.8 [1.60]	38.2 [1.50]	40.0 [1.57]	40.8 [1.60]	30.5 [1.20]
30	45.6 [1.80]	43.2 [1.70]	45.0 [1.77]	45.6 [1.80]	35.6 [1.40]
34	50.9 [2.00]	48.3 [1.90]	50.3 [1.98]	50.9 [2.00]	40.6 [1.60]
36	53.3 [2.10]	50.9 [2.00]	52.6 [2.07]	53.3 [2.10]	43.2 [1.70]
40	58.5 [2.30]	55.9 [2.20]	58.0 [2.28]	58.5 [2.30]	48.3 [1.90]
50	71.2 [2.80]	68.6 [2.70]	70.6 [2.78]	71.2 [2.80]	61.0 [2.40]
60	83.9 [3.30]	81.3 [3.20]	83.3 [3.28]	83.9 [3.30]	73.7 [2.90]
64	89.0 [3.50]	86.4 [3.40]	88.4 [3.48]	89.0 [3.50]	78.7 [3.10]



Recommended Board Layout