

3M Worldwide : United States : Electronics Manufacturing

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3M™ Interconnect Solutions
Product Catalog

- 3M™ Interconnect by Type
- Board to Wire Connectors
 - Wiremount Socket Connectors
 - 3M™ .100" x .100" Wiremount Socket, 79
 - 3435-0
 - 3448-7964
 - 7920-6500EC (INTERNAL)
 - 7926-6000FL (INTERNAL)
 - 7930-6500EL (INTERNAL)
 - 7940-6500SC (INTERNAL)
 - 7950-6500SC (INTERNAL)
 - 7950-6700EC (INTERNAL)
 - 7960-6500EC (INTERNAL)
 - 7964-6500
 - 7964-6500EC**
 - 7964-6564EC

7964-6500EC
**64 Position, .100" IDC Flat Cable Socket, Center Bump Pola
Cover, Plastic Latches, Be Cu Contact, 30u" Gold Plating**
GTIN(UPC|EAN) : 0 49 01690 08851 3
3M Id : JE-1501-7838-0

ADDITIONAL INFORMATION
7964-6500EC 64/SKT/PL [Learn More . . .](#)
CLIP/HCB/OP/30MIN
[Packaging Data](#)

CHARACTERISTICS

Conductor Accommodation	26 & 28 AWG Solid or Stranded
Connector Cover Style	MetalClip Separate OpenEnds Si
Contact Material	Copper Alloy
Contact Termination Area Plating	None
Contact Underplating	100 μ" [2.54 μm] Nickel
Contact Wiping Area Plating	30 μ" [0.76 μm] Gold
Current Rating	1 Ampere
Insulation Color	Gray
Insulation Flammability Rating	UL 94V-0
Insulation Material	Glass Filled Polyester (PBT)
Insulation Resistance	>1 X 10^9 Ohms @ 500 Vdc
Interface Grid	.100" x .100"
Interface Style	Rectangular Socket
Markings	3M Logo, Part Identification Nun Orientation Triangle
Non-Operating Temperature	-55 to 105 Degree Celsius
Number of Contact Rows	2
Number of Contacts	64
Pitch	.050 Inch
Polarization	1 Half-Height Bump
Separable	Yes
Strain Relief Type	None
Termination Method	Insulation Displacement
Termination Style	Multiple Wires
Withstanding Voltage	1000 Vrms at Sea Level

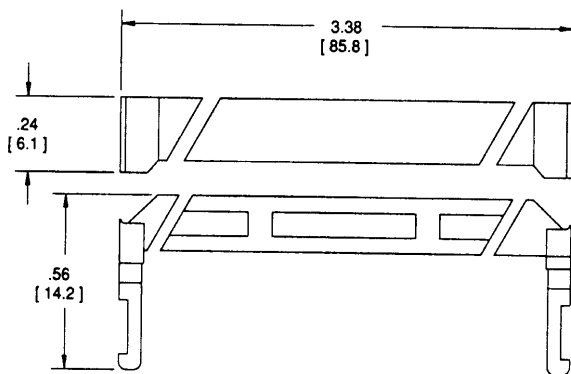
.100" x .100" Wiremount Socket

.050" Pitch Cable, 64 Position (Optional Plastic Strain Relief)

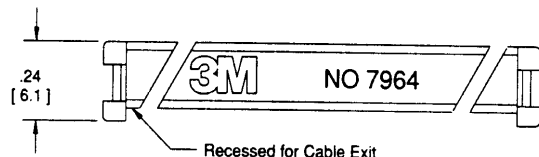
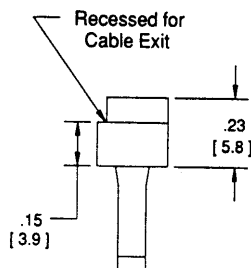
727-945

Sheet 2 of 3

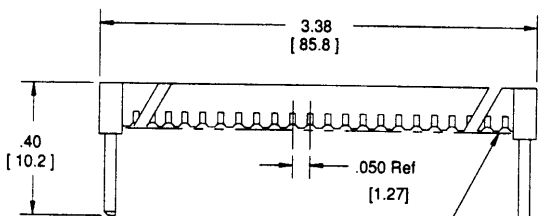
TS-0094-05



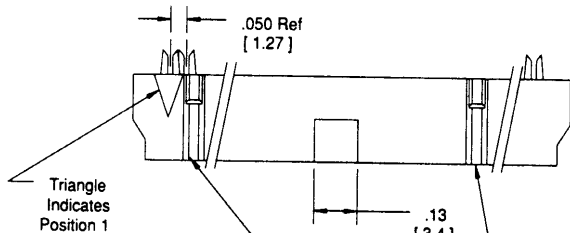
Optional: 3448-7964 standard height Strain Relief



Recessed for Cable Exit

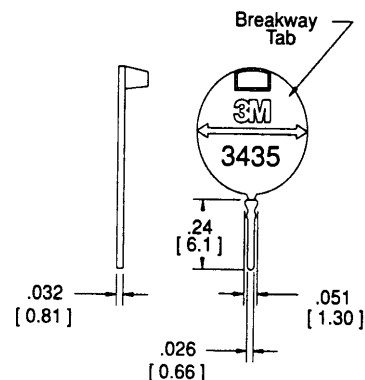
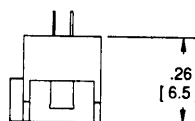
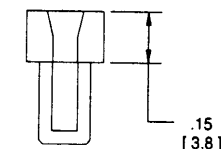


Nonconductive Transfer Adhesive with Liner

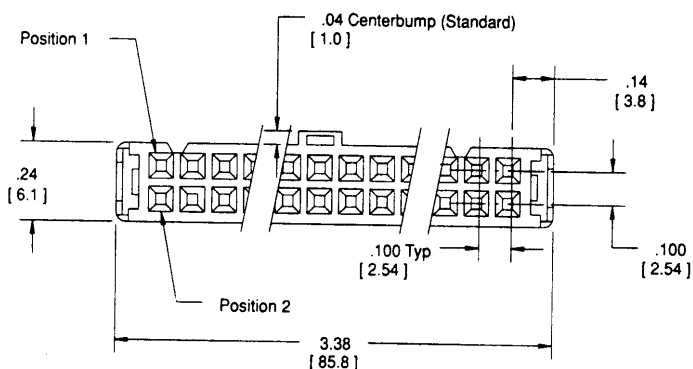


Triangle Indicates Position 1

Military: Dual Polarization Slots



3435-0 Keying Plug (Optional: Order Separately)



Inch [mm]

Tolerance Unless Noted			
	.0	.00	.000
Inch	±.1	±.01	±.005

[] Dimensions for Reference Only

Ordering Information

Note:
Military qualified version available.
Please contact 3M for specifications.

Socket
7964-6500EC

Strain Relief
(Order Separately)
3448-7964

3M Electronic Products Division

6801 River Place Blvd.
Austin, TX 78726-9000