

3M™ Wiremount Socket

.100" × .100" for .050" Pitch Cable (Optional Plastic or Metal Strain Relief)

3000 Series



- Industry standard IDC socket
- Positive locking metal “J” clips provide high cover retention
- Mates with 3M headers, plugs and pin strips for quick connect/disconnect capability
- Open or closed end covers available
- Accepts flat cable or discrete wire
- Military polarization, with or without centerbump
- Transfer adhesive on covers provides precision alignment between connector and cables resulting in high yield terminations
- Availability of pull tab to facilitate proper unplugging
- Availability of 2 types of strain relief (standard and low profile) to isolate the IDC interface
- Set the standard for MIL spec and IEC standardization
- Availability of Military and Center Bump polarization
- See the Regulatory Information Appendix (RIA) in the “RoHS compliance” section of www.3mconnectors.com for compliance information (RIA E1 & C1 apply)

Date Modified: October 12, 2011

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Physical

Insulation:

Material: Glass Filled Polyester (PBT)

Flammability: UL 94V-0

Color: Gray

Contact:

Material: Copper Alloy

J Clip Material: Stainless Steel

Plating:

Underplating and U-Slot: 100 μ " [2.54 μ m] Nickel

Wiping Area: 30 μ " [0.76 μ m] Gold

Wire Accommodation: 26 and 28 AWG Solid and Stranded

Marking: 3M Logo, Part Identification Number and Orientation Triangle

Electrical

Current Rating:	1 Line	6 Adjacent Lines	All Lines
26 AWG	4.75	2.00	1.00
28 AWG	4.50	1.75	1.00

Rating Conditions: EIA-364-070 Method 2, 30°C maximum temperature rise, 20% derated.
Reference appropriate 3M Product Specification for detailed current derating curves.

Insulation Resistance: $> 1 \times 10^9 \Omega$ at 500 V_{DC}

Withstanding Voltage: 1000 V_{RMS} at Sea Level

Environmental

Temperature Rating: -55°C to +105°C

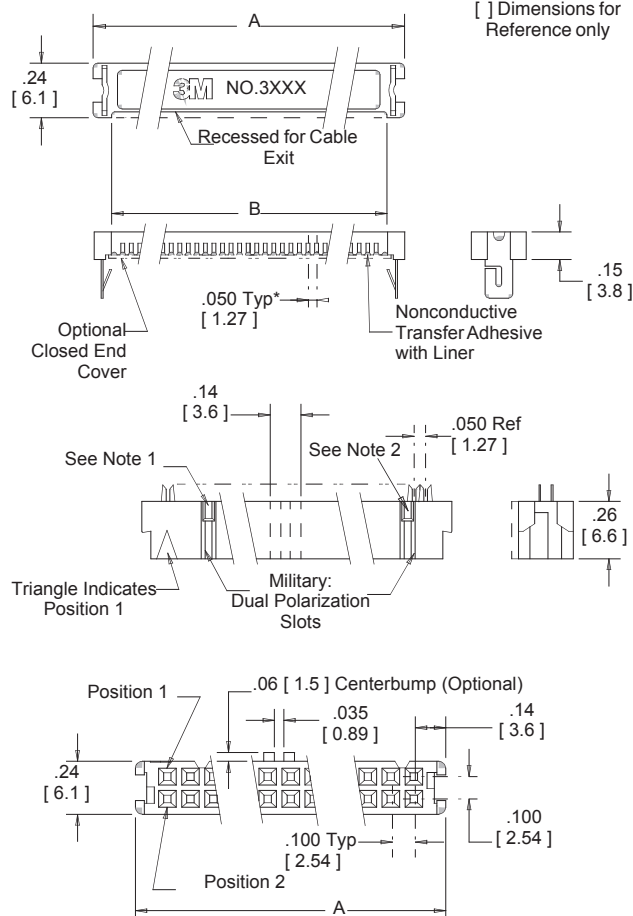
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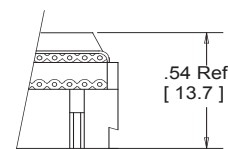
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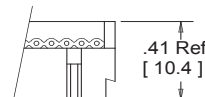
3000 Series



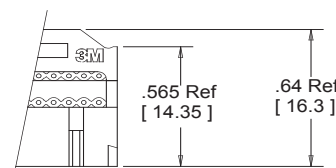
	Dimensions		
Socket Series	A	B	
3863	0.48 [12.2]	0.34 [8.6]	
3868	0.58 [14.7]	0.44 [11.2]	
3473	0.68 [17.3]	0.54 [13.7]	
3385	0.88 [22.4]	0.74 [18.8]	
3452	0.98 [24.9]	0.84 [21.3]	
3421	1.18 [30.0]	1.04 [26.4]	
3626	1.38 [35.1]	1.24 [31.5]	
3399	1.48 [37.6]	1.34 [34.0]	
3419	1.68 [42.7]	1.54 [39.1]	
3414	1.88 [47.8]	1.74 [44.2]	
9436	1.98 [50.3]	1.84 [46.7]	
3417	2.18 [55.4]	2.04 [51.8]	
9444	2.38 [60.5]	2.24 [56.9]	
3425	2.68 [68.1]	2.54 [64.5]	
3334	3.18 [80.8]	3.04 [77.2]	



Assembled Height with Metal Profile Strain Relief



Assembled Height
without Strain Relief



Assembled Height with Plastic Strain Relief

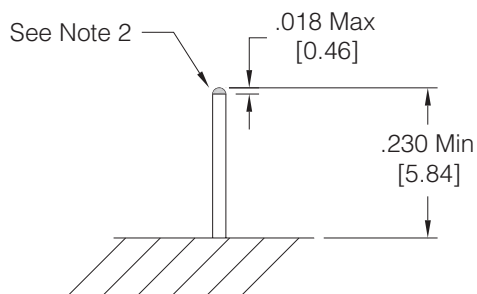
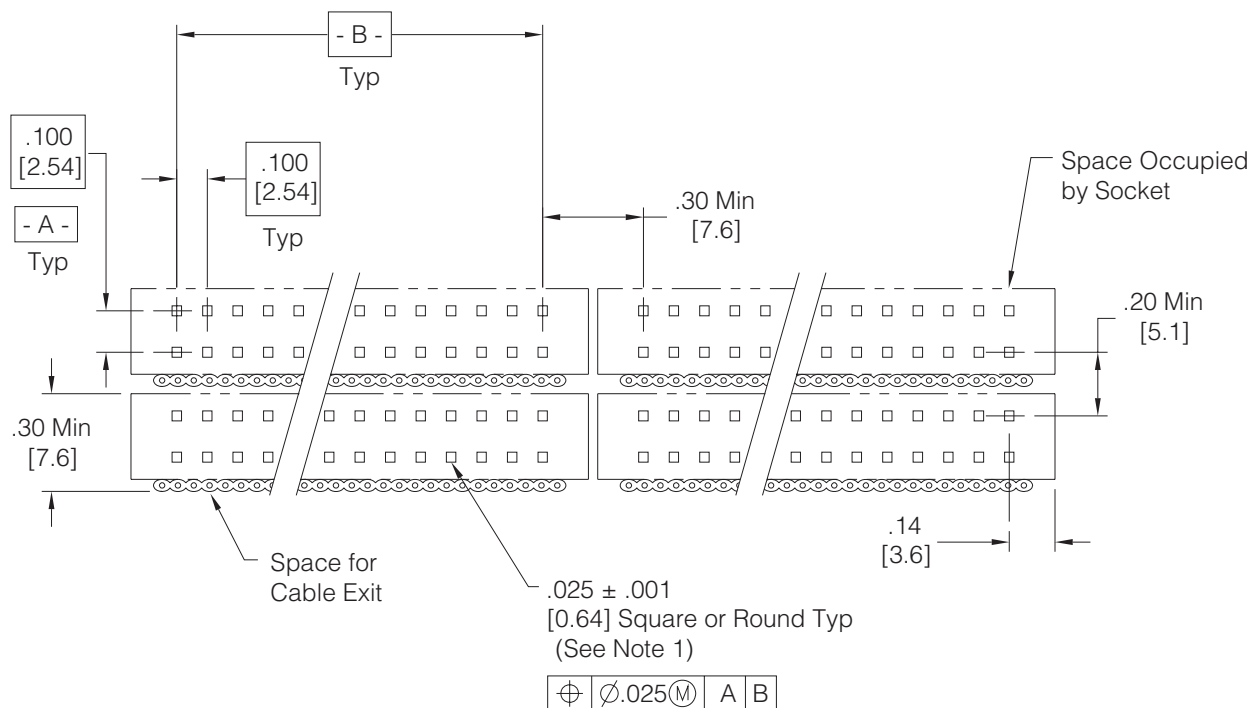
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Recommended Post Pattern

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