# $3M^{\text{TM}}$ Polarized Wiremount Socket

 $.100" \times .100"$  2 row for .100" Pitch Notched Flat Cable or Discrete Wire

**CHG** Series



- Military/DIN 41612 compatibility
- Two row, polarized body
- Mates to 3M long latch/eject headers and plugs
- 12 standard sizes, 10-64 positions
- Twin slot IDC provides four points of contact
- Exclusive L/H 4-wipe contact
- 3435-0 keying plug is optional order separately
- Accepts discrete wire or notched ribbon cable
- See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3Mconnectors.com for compliance information (RIA E1 and C1 Apply)

Date Modified: January 2, 2012

TS-0192-D Sheet 1 of 2

#### **Physical**

Insulation:				
Material:	Glass Filled Polyester (PBT)			
Flammability:	UL 94V-0			
Color:	Gray			
Contact:				
Material:	Copper Alloy			
Plating:				
Option P				
First Wipe Area:	30 µ" [0.76 µm] Gold			
Second Wipe Area, Underplating and U-Slot	100 μ" [ 2.54 μm ] Nickel			
Wire Accommodation:	See Ordering Information for Options			
Marking:	3M Logo and Orientation Triangle			

### Electrical

<b>Current Rating:</b>		1 Line	4 Adjacent Lines	All Lines	
_	22 AWG	4.5	3.0	1.5	
	24 AWG	3.75	2.5	1.25	
	26 AWG	3.5	2.0	1.0	
	28 AWG	3.5	2.0	1.0	
	Rating Conditions: EIA-364-070 Method 2, 30°C maximum temperature rise, 20% derated. Reference appropriate 3M Product Specification for detailed current derating curves.				
<b>Insulation Resistance:</b>	$> 1 \times 10^9$ at 500 V <sub>DC</sub>				
Withstanding Voltage:	$500V_{\text{RMS}}$ at S	ea Level			

### Environmental

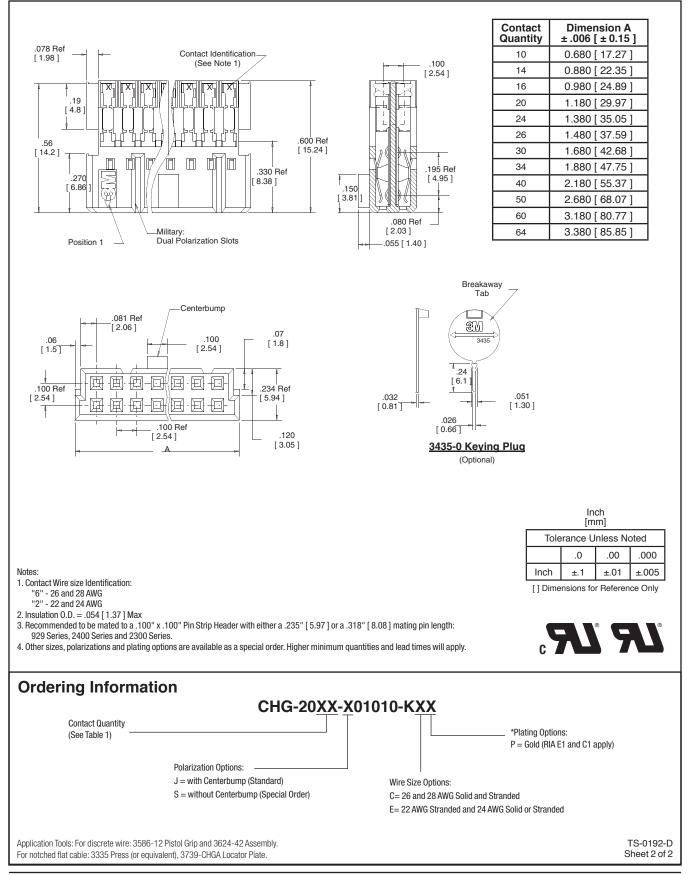
**Temperature Rating:** -55°C to +105°C

UL File No.: E68080

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#### CHG Series



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