## **Conductive D-Type Connector Cover Features:**

### **Conductive Composite**

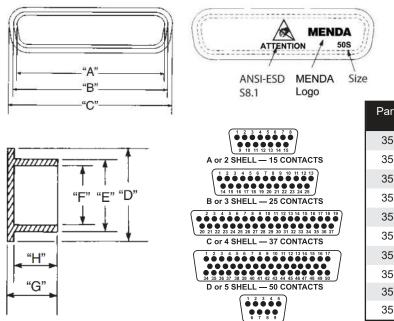
Permanently volume conductive and free of carbon black particulate. The connector covers do not leave black marks and are more suited to clean situations. Meets the requirements of NASM5501 31/32.

#### Noncorrosive

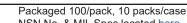
Connector covers are noncorrosive and produce no visible corrosion when tested to Federal Test Method 101C using Kovar test plates.

### Conformability

The material used in the covers was selected for its resilience. Properly sized, the covers provide a snug, secure fit. This helps keep connectors clean and prevents the cover from accidentally falling off.



#### E or 1 SHELL - 9 CONTACTS



\*ASTM F925

Unless otherwise noted, tolerance ± 10%

Specifications and procedures subject to change without notice.

"It should be understood that any object, item, material or person could be a source of static electricity in the work environment. Removal of unnecessary nonconductors, replacing nonconductive materials with dissipative or conductive materials and grounding all conductors are the principle methods of controlling static electricity in the workplace, regardless of the activity." [ESD Handbook ESD TR20.20; section 2.4 Sources of Static Electricity]

# MENDA



Made in the United States of America

Chemical Susceptibility*	Reactions		Material Properties	Test Method	Typical Value
Dilute Acids	Slight Attack		Resistivity	ASTM D991	<10 <sup>5</sup> ohm-cm
Dilute Alkalines	Slight Attack		Contact Corrosivity	FTM 101C Method 3005 (Kovar plate)	Pass
Concentrated Acids	Slight Attack				
Concentrated Alkalines	Slight Attack		Elongation	ASTM D638	24%
Methanol, Ethanol, and Isopropanol	Resistant		Tensile	ASTM D638	2700 psi
Hydrocarbons	Slight Attack		Vicat Softening	ASTM MD 1525	85° C
Ketones	Slight Attack		Outgassing	ASTM E595	Pass
Oil and Gasoline	Slight Attack		0 0		

#### Part No. Shell "A" "B" "C" "D" "E" "F" "H" Size Contacts Connector "G" Туре Size 35780 15P 15 Pin A/2 1.040" 1.107" 1.177" .512" .436" .369" .280" .240" 35781 15S 15 Socket A/2 .955" 1.022" 1.122" .462" .362" .295" .280" .240" 35782 25P 25 Pin B/3 1.586" 1.635" 1.735" .530" .430" .363" .280" .240' 35783 25S 25 Socket 1.495" 1.562" 1.662" .462" .362" .295" .280" .240' B/3 35784 37P 37 Pin C/4 2.216" 2.283" 2.383" .530" .430" .363" .280" .240" 35785 37S 37 Socket C/4 2.143" 2.210" 2.310" .462" .362" .295" .280" .240" 35786 50P Pin 2.112" 2.179" 2.279" .636" .469" .280" 50 D/5 .536" .240' 35787 50S 50 Socket D/5 2.049" 2.116" 2.216" .574" 474" .407" .280" .240' 35788 9P 9 Pin E/1 .708" .775" .434" .367" .280' .240" .849" .512" 35789 9S 9 E/1 Socket .627" .694" .794" .462" .362" .295" .280" .240"

NSN No. & MIL Spec located here

## CONDUCTIVE D-TYPE CONNECTOR COVERS

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DRAWING NUMBER 35780