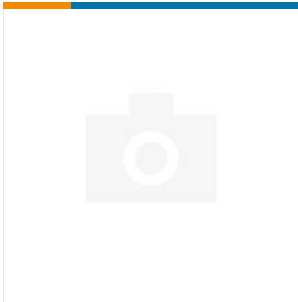




## STANDARD CIRCULAR CONNECTORS



✓ Active

**TE CONNECTIVITY (TE)**  
**HERM RECP**  
 DEUTSCH

**MS3440H18C8P**  
 TE Internal Number: YDBC50H-18-8PNV001  
 Mil-Spec: MS3440H18C8P  
 Alias ID: DBC50H-18-8PN [V001]

Always EU RoHS/ELV Compliant

Product Type **Connector**

Mounting Style **Square Flange**

Shell Plating Material **Tin**

Shell Material **Carbon Steel**

Polarization Code **Normal**

No documentation available.

Please review product documents or [contact us](#) for the latest agency approval information.

Product Type Features

Product Type	<b>Connector</b>
Connector System	<b>Wire-to-Panel</b>
Shell Size	<b>18</b>
Sealed	<b>Yes</b>
Connector Style	<b>Receptacle</b>
Shell Type	<b>Square Flange Receptacle</b>
Assembly Type	<b>Electrical Connector</b>

Configuration Features

Number of Power Positions	<b>8</b>
Preloaded	<b>Yes</b>
Number of Positions	<b>8</b>
Factory Installed Backshell	<b>No</b>
Positions Unloaded	<b>None</b>
Keying	<b>Insert Polarization N</b>
Position Keyed	<b>Normal</b>

Electrical Characteristics

Operating Voltage (VAC)	<b>600</b>
Operating Voltage (VDC)	<b>850</b>

	Voltage (Vrms)	<b>1800</b>
Body Features	Shell Plating Material	<b>Tin</b>
	Shell Material	<b>Carbon Steel</b>
	Insulation Material	<b>Glass/Silicone</b>
	Hermetically Sealed	<b>Yes</b>
	Environmental Protection Type	<b>Hermetically Sealed</b>
	Environmental Protection	<b>Yes</b>
	Feedthrough Type	<b>No</b>
	Peripheral Seal Material	<b>Silicone</b>
	Entry Style	<b>Solder</b>
Contact Features	Contact Layout	<b>18-8</b>
	Contact Type	<b>Pin</b>
	Contact Quantity (Size 12)	<b>8</b>
Mechanical Attachment	Mounting Style	<b>Square Flange</b>
	Polarization Code	<b>Normal</b>
	Mating Alignment Type	<b>Keyed</b>
	Mating Retention	<b>With</b>
	Flange	<b>Square Flange</b>
	Mating Retention Type	<b>Bayonet</b>
	Panel Mount Retention	<b>With</b>
	Panel Mount Retention Type	<b>Square Flange</b>
Housing Features	Alignment Keyed	<b>Insert Clocking</b>
Dimensions	Assembly Length	<b>24.87 mm [ .979 in ]</b>
Usage Conditions	Operating Temperature Range	<b>-85 – 347 °C [ -65 – 175 °F ]</b>
	Fluid Resistance	<b>Yes</b>
Operation/Application	Durability Rating (Cycles)	<b>500</b>
Packaging Features	Packaging Quantity	<b>1</b>
Product Compliance	<a href="#">Statement of Compliance</a>	

