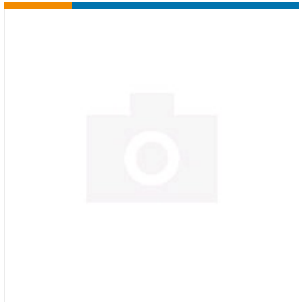




# STANDARD CIRCULAR CONNECTORS



✓ Active

**TE CONNECTIVITY (TE)**  
**PLUG ASSY**  
 DEUTSCH

M29600/22RU41J1  
 TE Internal Number: YDG1236R2441S1V001  
 Alias ID: DG1236R24-41S1 [V001]

Always EU RoHS/ELV Compliant

Product Type **Connector**

Mounting Style **Plug**

Shell Plating Material **Tin**

Shell Material **Composite**

Polarization Code **1**

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-Wire</b>
Shell Size	<b>U (24)</b>
Sealed	<b>Yes</b>
Connector Style	<b>Plug</b>
Shell Type	<b>Plug</b>
Assembly Type	<b>Electrical Connector</b>

Configuration Features

Number of Power Positions	<b>41</b>
Preloaded	<b>No</b>
Number of Positions	<b>41</b>
Factory Installed Backshell	<b>No</b>
Positions Unloaded	<b>All</b>
Keying	<b>Keyway Polarization 1</b>
Position Keyed	<b>1</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>Composite</b>
	Insulation Material	<b>Hard Dielectric/Silicone</b>
	Hermetically Sealed	<b>No</b>
	Fluid Type	<b>Coolanol 25, M2-V, MIL-DTL-5624 (JP-5), MIL-PRF-23699, MIL-PRF-5606, MIL-PRF-7808, SEA-AMS1424 Type I</b>
	Environmental Protection Type	<b>Elastomer Sealed</b>
	Environmental Protection	<b>Yes</b>
	Feedthrough Type	<b>No</b>
	Entry Style	<b>Rear Insertion</b>
Contact Features	Contact Layout	<b>U41 (24-41)</b>
	Contact Type	<b>Socket</b>
	Contact Quantity (Size 16)	<b>41</b>
Mechanical Attachment	Mounting Style	<b>Plug</b>
	Polarization Code	<b>1</b>
	Mating Alignment Type	<b>Keyed</b>
	Mating Retention	<b>With</b>
	Mating Retention Type	<b>Threaded</b>
	Panel Mount Retention	<b>Without</b>
Housing Features	Alignment Keyed	<b>Clocking</b>
Dimensions	Accepts Wire Insulation Diameter Range	<b>1.52 – 2.62 mm [ .06 – .103 in ]</b>
	Assembly Length	<b>32.84 mm [ 1.293 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>1500</b>
Packaging Features	Packaging Quantity	<b>1</b>

[VIEW ALL PRODUCT COMPLIANCE](#)

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