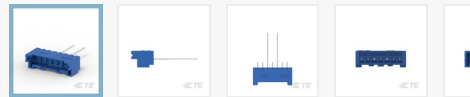


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✓ **ACTIVE**

Economy Power 2.5

TE Part # **2-2299683-7**

TE Internal #: **2-2299683-7**

Connector Assembly Type : **PCB Mount Header**

PCB Mount Orientation : **Vertical**

Connector System : **Wire-to-Board**

Number of Positions : **7**

Centerline (Pitch) : **2.5 mm [.098 in]**

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Application Specification

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Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.



Product Type Features	Connector Assembly Type : PCB Mount Header
	Connector System : Wire-to-Board
	Header Type : Shrouded
	Sealable : No
	Connector & Contact Terminates To : Printed Circuit Board
Configuration Features	Product Type : Connector
	Connector Type : Connector Assembly
	Glow Wire Rating : Standard Part - Not Glow Wire
	Selectively Loaded : No
	PCB Mount Orientation : Vertical
Electrical Characteristics	Number of Positions : 7
	Number of Rows : 1
	Backwall/Post Interruptions : Without
	Operating Voltage (VAC): 250
	Contact Base Material : Brass
Contact Features	Contact Shape : Round
	Contact Mating Area Plating Material : Tin
	Contact Mating Area Plating Material Finish : Tin
	Contact Mating Area Plating Thickness : 2.03 µm [80 µin]
	Contact Type : Pin
	Contact Current Rating (Max) (A): 4.2
	Contact Style : Straight
	PCB Contact Termination Area Plating Thickness : 2.032 µm [80 µin]
	Contact Layout : Inline
	Contact Transmits (Typical) : Power, Signal (Data)
	PCB Contact Termination Area Plating Material : Tin
	Contact Design : Round Post

Termination Features	Termination Method to PC Board : Through Hole - Solder Termination Method to Wire & Cable : Solder
Mechanical Attachment	PCB Mounting Style : Through Hole PCB Mount Alignment : Without Mating Retention : With PCB Mount Retention : Without Mating Alignment : With Mating Retention Type : Latch Mating Alignment Type : Polarization Contact Retention : Without
Housing Features	Centerline (Pitch) : 2.5 mm [.098 in] Housing Color : Blue Housing Material : PBT
Dimensions	Height : 8.8 mm [.346 in] Tail Length : 3.4 mm [.134 in] Width : 6.4 mm [.252 in] PCB Thickness (Recommended) : 1.6 mm [.063 in] Length : 20 mm [.79 in] Mating Post Length : 3.6 mm [.142 in]
Usage Conditions	Operating Temperature Range : -55 – 105 °C [20 °F]
Operation/Application	Circuit Application : Power For Use With : Connector/Cable Assembly
Packaging Features	Packaging Method : Tape Packaging Quantity : 450
Statement of Compliance	Statement of Compliance pdf

Compatible Parts

 TE Part # 1969442-7 EP 2.5 TPA Housing, 7 Pos View Product	 TE Part # 1969443-7 EP 2.5 TPA Retainer, 7 Pos View Product	 TE Part # 2232983-1 EP 2.5 LIF RCPT CONTACT, 2... AWG View Product	 TE Part # 1744423-1 EP 2.5 RCPT CONTACT, 2... AWG View Product
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