

**SPECIFICATIONS**

**Mechanical**

*Mating Force: 0.75N max.*  
*Unmating Force: 0.15N min.*  
*Durability: 250Cycles*

**Electrical**

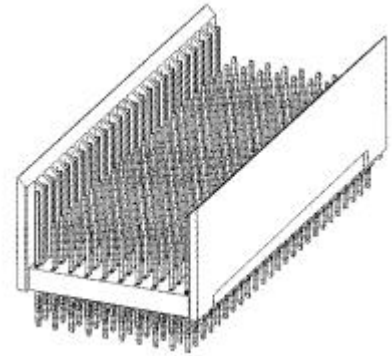
*Voltage Rating: 500V*  
*Current Rating: 1A*  
*Contact Resistance: 20mW max.*  
*Insulation Resistance: 10000MW min.*

**Physical**

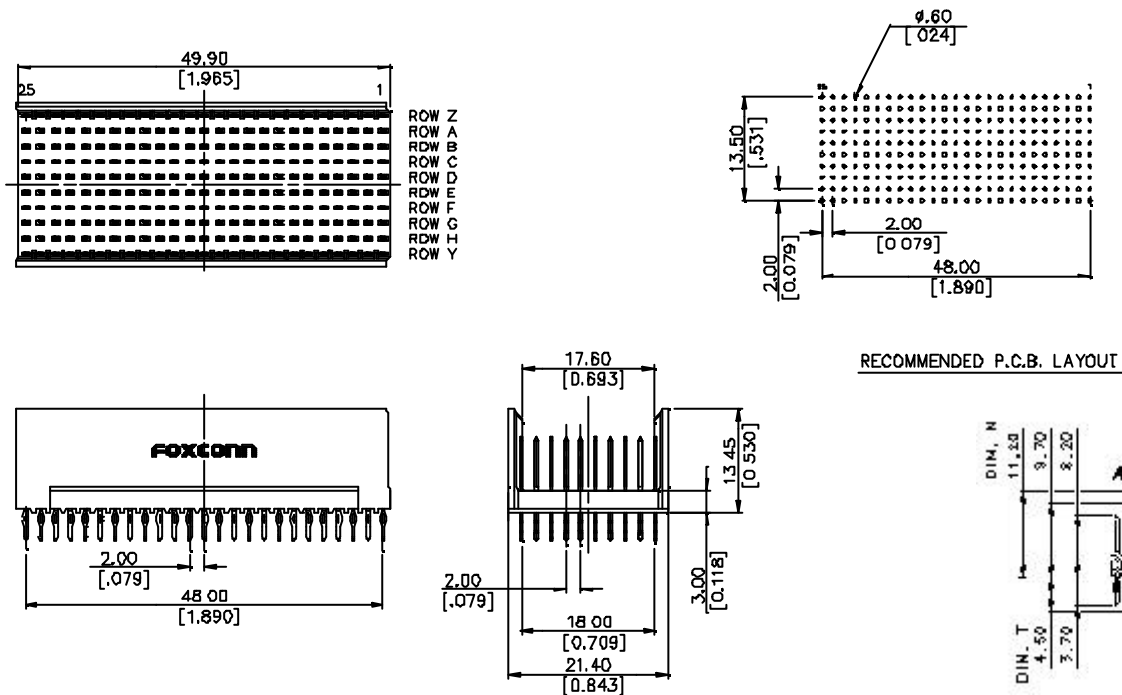
*Housing: PBT UL 94V-0, Gray*  
*Contact: Phosphor Bronze*  
*Plating: See "ORDERING INFORMATION"*

**HARD METRIC CONNECTOR**

**2H Series**  
**Plug Type E**  
**2.0mm [.078"] Pitch**  
**250 Pos. 25Column**



**DRAWING**



**ORDERING INFORMATION**

PRODUCT NO: 2H1\* \*\* \* \*-PE7\*\*



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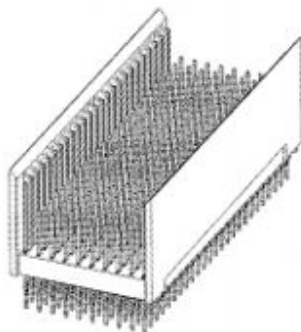
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## Backplane Connector -> Hard Metric 2mm Conn

 Hard Metric 2mm Conn 8+2 Row Header: **2H1A2503-PE701**


2H Series  
Plug Type E  
2.0mm [0.78"] Pitch  
250 Pos., 25 Column



Feature	Attribute
Number of Positions:	250
PCB Mount Style:	Vertical
Plating:	32u"
Housing Material:	Thermoplastic
Color:	Grey
Number Row:	10
Solder Tail Type:	Press-Fit
Packaging Method:	Tube
Available Status:	Active
RoHS Status:	RoHS-5 compliant
Business Unit:	CID
Lead-Time ( Week ):	4
MOQ ( pc ):	700

**Notice: Please confirm part availability with your local account manager.**