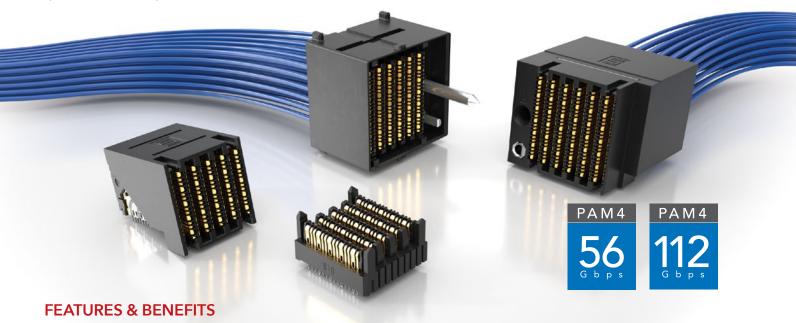
ExaMAX®

HIGH-SPEED BACKPLANE CONNECTOR & CABLE SYSTEMS

(2.00 mm) .0787" PITCH

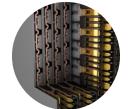


ExaMAX® High-Speed Backplane System

- Meets a variety of industry specifications
- Exceeds OIF CEI-28G-LR specification for 28 Gbps standards
- 24 72 pair designs (4 and 6 pairs; 6, 8, 10 and 12 columns)
- Wafer design includes one sideband signal per column
- Press-fit tails provide a reliable electrical connection

ExaMAX® High-Speed Backplane Cable Assemblies

- 30 & 34 AWG Eye Speed® Ultra Low Skew Twinax Cable offers improved signal integrity, increased flexibility and routability
- Highly customizable with modular flexibility
- Reduce costs due to lower layer counts
- Multiple end options available
- Eye Speed® Thinax™ ultra performance twinax cable version in development



Staggered Differential Pair Design



Two Reliable Points of Contact with a 2.4 mm Wipe



Shielded Wafer Design Reduces Crosstalk



Traditional, Coplanar and Direct Mate Orthogonal



In Development: 8 Pairs for Greater Design Flexibility

KEY SPECIFICATIONS

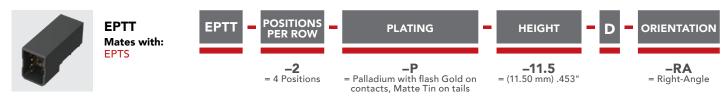
SERIES	INSULATOR MATERIAL	CONTACT MATERIAL	PLATING	OPERATING TEMP RANGE	CURRENT RATING	VOLTAGE RATING	LEAD-FREE SOLDERABLE
EBTM/EBTF/EBDM	Liquid Crystal Polymer	Copper Alloy	Sn or Au over 50 μ" (1.27 μm) Ni	-55 °C to +105 °C	4 A per pin	150 VAC	Yes
EPTT/EPTS	High Temperature Thermoplastic	Copper Alloy	Sn or Au over 50 μ" (1.27 μm) Ni	-55 °C to +105 °C	14.1 A per pin	150 VAC	Yes
EBCM/EBCF	Liquid Crystal Polymer	Copper Alloy	Au over 50 μ" (1.27 μm) Ni	-40 °C to +105 °C	3.6 A per pin	125 VAC	N/A



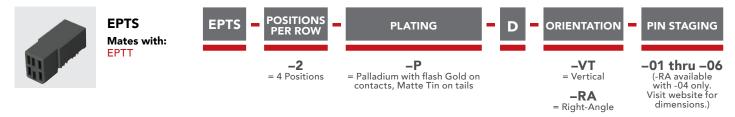


ExaMAX® POWER MODULES

(2.00 mm) .0787" PITCH TERMINAL POWER MODULES



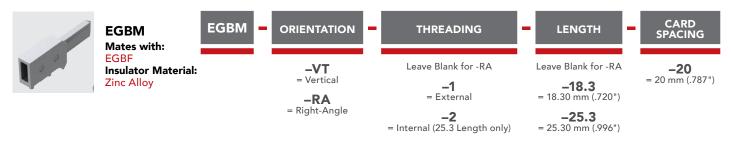
(2.00 mm) .0787" PITCH SOCKET POWER MODULES



View complete specifications at: samtec.com?EPTT & samtec.com?EPTS

ExaMAX® GUIDE MODULES

TERMINAL GUIDE MODULES



SOCKET GUIDE MODULES



Notes:

Some lengths, styles and options are non-standard, non-returnable.

ExaMAX® is a registered trademark of AFCI.

View complete specifications at: samtec.com?EGBM & samtec.com?EGBF