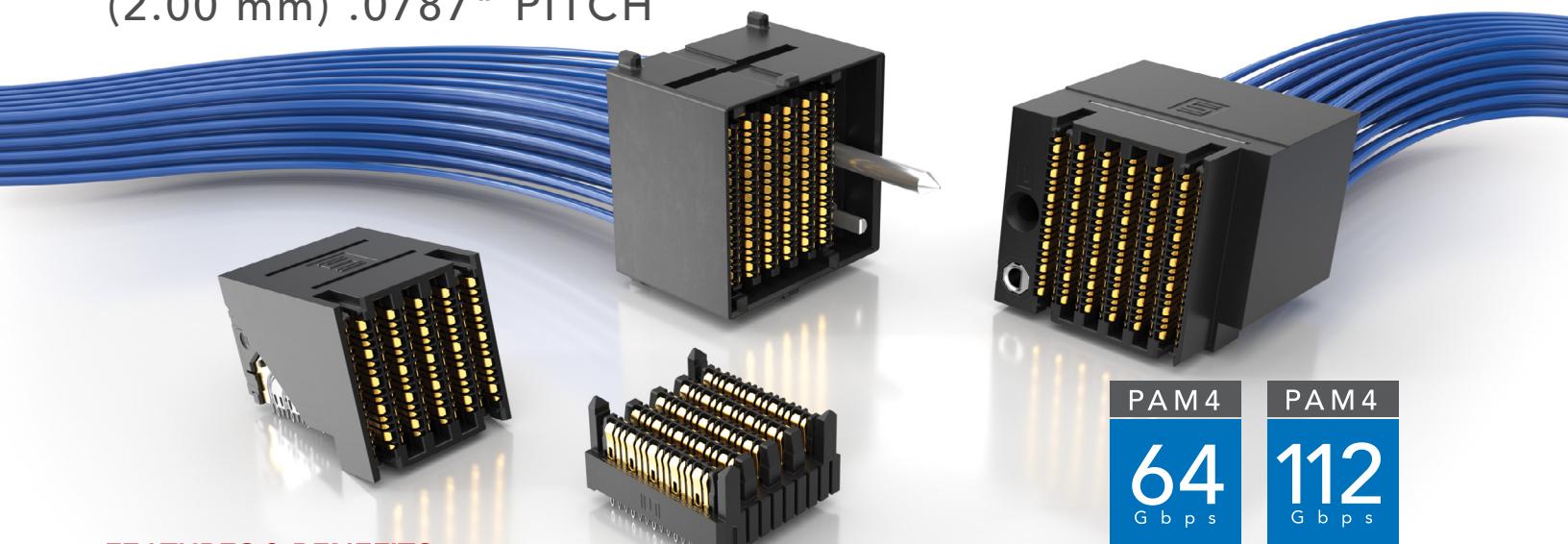


ExaMAX®

HIGH-SPEED BACKPLANE CONNECTOR & CABLE SYSTEMS

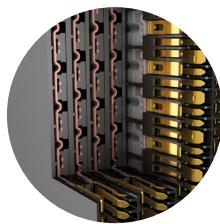
(2.00 mm) .0787" PITCH



FEATURES & BENEFITS

ExaMAX® High-Speed Backplane System

- Meets a variety of industry specifications
- Traditional, coplanar and direct mate orthogonal
- 24 - 72 pair designs (4 and 6 pairs; 6, 8, 10 and 12 columns)
- Shielded wafer design reduces crosstalk and includes one sideband signal per column
- Press-fit tails provide a reliable electrical connection
- PCIe® 6.0/CXL® 3.2 capable



Staggered Differential Pair Design



Two Reliable Points of Contact with a 2.4 mm Wipe



In Development: Open-Pin-Field, Coplanar Configuration



In Development: 2 Pair Design for a Lower Profile



In Development: ExaMAX2® 8 Pairs for 112 Gbps PAM4 Performance

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 μ m) Ni	-55 °C to +105 °C	4 A per pin	150 VAC/212 VDC	Yes
EPTT/EPTS	High Temperature Thermoplastic	Copper Alloy	Sn or Au over 50 μ " (1.27 μ m) Ni	-55 °C to +105 °C	14.1 A per pin	150 VAC/212 VDC	Yes
EBCM/EBCF	Liquid Crystal Polymer	Copper Alloy	Au over 50 μ " (1.27 μ m) Ni	-40 °C to +105 °C	2.6 A per pin	125 VAC/177 VDC	N/A

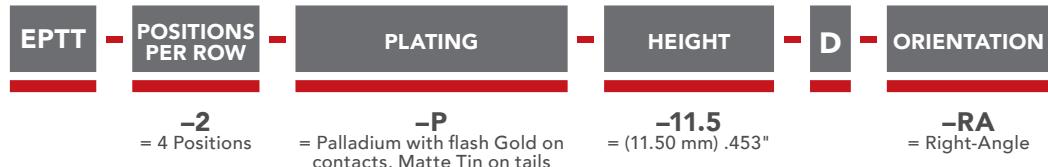
PCI-SIG®, PCI Express® and the PCIe® design marks are registered trademarks and/or service marks of PCI-SIG.

ExaMAX® POWER MODULES

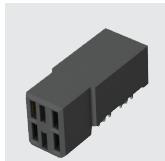
(2.00 mm) .0787" PITCH TERMINAL POWER MODULES



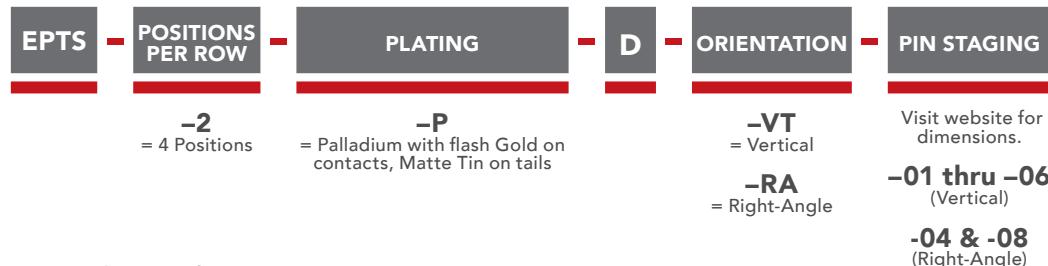
EPTT
Mates with:
EPTS



(2.00 mm) .0787" PITCH SOCKET POWER MODULES



EPTS
Mates with:
EPTT



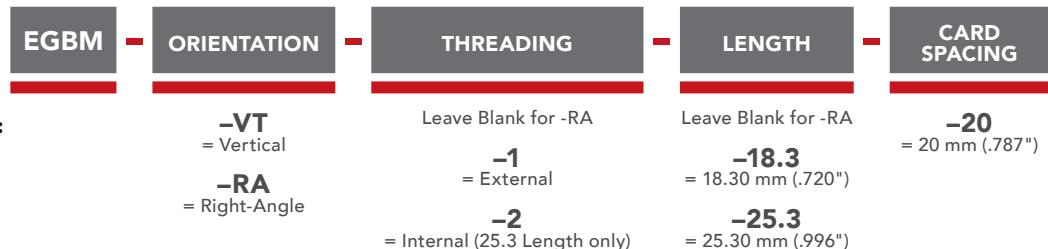
View complete specifications at: samtec.com?EPTT & samtec.com?EPTS

ExaMAX® GUIDE MODULES

TERMINAL GUIDE MODULES



EGBM
Mates with:
EGBF
Insulator Material:
Zinc Alloy



SOCKET GUIDE MODULES



EGBF
Mates with:
EGBM
Insulator Material:
Zinc Alloy



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