RUGGED HIGH-SPEED STRIPS
EDGE RATE® INTERCONNECTS

• Edge Rate® contacts optimized for signal integrity performance
• Up to 1.5 mm contact wipe for a reliable connection
• 10 – 200 positions
• Extremely slim 2.5 mm body width on 0.635 mm pitch system
• 0.50 mm pitch system for up to 40% space savings vs. 0.80 mm pitch system
• 0.80 mm pitch coax and twinax cable assemblies
• Rugged latching, locking and 360° shielding available
• Edge mount and right-angle available
• Compatible with UMPT/UMPS for power/signal flexibility

Edge Rate® Contact System
• Smooth milled mating surface reduces wear and increases durability
• Lower insertion and withdrawal forces
• Robust when “zippered” during unmating
• Minimized parallel surface area reduces broadside coupling and crosstalk
• Designed, simulated and optimized for 50 Ω and 100 Ω systems

System
• ERM5/ERF5 – 0.50 mm Pitch Strips
• ERM6/ERF6 – 0.635 mm Pitch Strips
• ERM8/ERF8 – 0.80 mm Pitch Strips
• ERCD – 0.80 mm Pitch Coax Cable Assembly
• ERDP – 0.80 mm Pitch Twinax Cable Assembly

For more about Samtec’s Edge Rate® solutions, please visit www.samtec.com/edgerate
EDGE RATE® SOLUTIONS

ERM5/ERF5
0.50 mm pitch, up to 150 positions
7 - 12 mm stack heights
Right-angle available (socket only)

ERM6/ERF6
0.635 mm pitch, up to 120 positions
5 mm stack height
Slim 2.5 mm body width

ERM8/ERF8
0.80 mm pitch, up to 200 positions
7 - 18 mm stack heights
Edge mount and right-angle available

ERCD
0.80 mm pitch, up to 120 positions
34 AWG micro coax cable

ERDP
0.80 mm pitch, up to 98 positions
30 AWG twinax cable

ALSO AVAILABLE

Rugged metal latching for increased retention force
360° shielding option reduces EMI
Micro power system (UMPT/UMPS) for power/signal flexibility

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