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
- 20 – 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, extended guide posts and 360° shielding available
- Edge mount and right-angle available
- Compatible with mPOWER® for power/signal flexibility

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

STACK HEIGHT FLEXIBILITY (IN mm)

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

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**EDGE RATE® SOLUTIONS**

**ERMS/ERF5**
- 0.50 mm pitch, up to 150 positions
- 7 & 9 - 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
- mPOWER® micro power system for power/signal flexibility (UMPT/UMPS)

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