

RUGGED HIGH-SPEED STRIPS

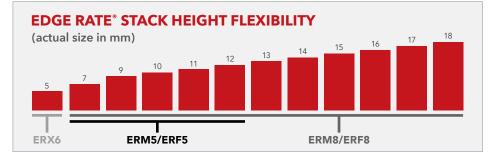


FEATURES & BENEFITS

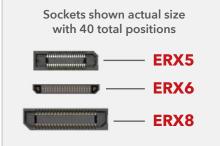
Edge Rate[®] rugged high-speed connector strips are designed for high speed, high cycle applications, and enabled by Samtec's signal integrity-optimized Edge Rate[®] contact system.

- Choice of 0.50 mm, 0.635 mm or 0.80 mm pitch
- 0.50 mm pitch system offers up to 40% PCB space savings vs. 0.80 mm pitch
- 0.635 mm pitch system with extremely slim 2.5 mm body width
- Rugged latching, locking and 360° shielding
- Up to 1.5 mm contact wipe; robust when "zippered" during unmating

• Compatible with UMPT/UMPS for power/signal flexibility



Signal integrity-optimized Edge Rate® contact system reduces broadside coupling



KEY SPECIFICATIONS

SERIES	РІТСН	STACK HEIGHTS	TOTAL PINS / PAIRS	INSULATOR MATERIAL	TERMINAL MATERIAL	PLATING	OPERATING TEMP RANGE	LEAD-FREE SOLDERABLE
ERM5 / ERF5	0.50 mm	7-12 mm	20-150	Black LCP	Phosphor Bronze or BeCu (ERM5), BeCu (ERF5)	Au or Sn over 50 μ" (1.27 μm) Ni	-55 °C to +125 °C	Yes
ERM6 / ERF6	0.635 mm	5 mm	20-120		Copper Alloy			
ERM8 / ERF8	0.80 mm	7-18 mm	10-200		Phosphor Bronze or BeCu (ERM8), BeCu (ERF8)			

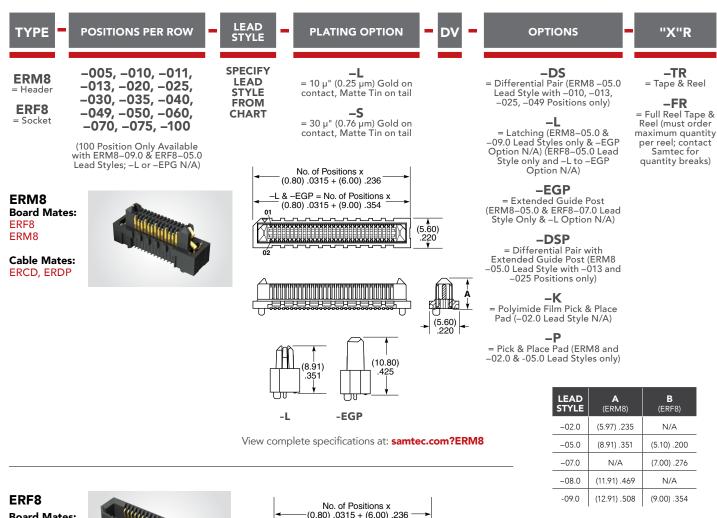
samtec.com/EdgeRate

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.





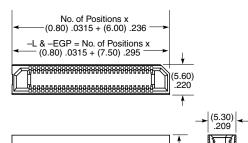
(0.80 mm) .0315" PITCH • RUGGED HIGH-SPEED HEADERS & SOCKETS

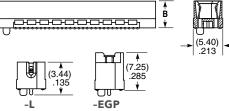


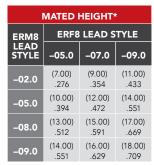
Board Mates: ERM8 ERF8

Cable Mates: ERCD, ERDP









*Processing conditions will affect mated height.

See pg 52-53 for Right-Angle & Edge Mount options, pg 54 for

Shielded options.

View complete specifications at: samtec.com?ERF8

Note:

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

samtec.com/EdgeRate

F-221 (Rev 01APR21)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec: ERF8-025-09.0-S-DV-K-TR