**RUGGED EDGE RATE® STRIPS**

**ERM8-RA, ERM8-EM SERIES**

ERM8-RA / ERM8-EM
Board Mates:
ERF8

ERM8-RA Cable Mates:
ERCD

**SPECIFICATIONS**

For complete specifications and recommended PCB layouts see www.samtec.com?ERM8-RA or www.samtec.com?ERM8-EM

- Insulator Material: Black LCP
- Terminal Material: Phosphor Bronze
- Latch Material: BeCu
- Plating: Au or Sn over 50 µ" (1.27 µm) Ni
- Current Rating: 2.2 A per pin (2 pins powered)
- Operating Temp Range: -55 °C to +125 °C
- Voltage Rating: 235 VAC / 318 VDC
- RoHS Compliant: Yes

**PROCESSING**

- Lead–Free Solderable: Yes
- SMT Lead Coplanarity (ERM8-RA):
  - (0.10 mm) .004” max (010-050)
  - (0.15 mm) .006” max (060-075)*
- SMT Lead Coplanarity (ERM8-EM):
  - (0.10 mm) .004” max (005-030)
  - (0.12 mm) .005” max (040-075)*
  - *0.004” stencil solution may be available; contact IPG@samtec.com

**RECOGNITIONS**

For complete scope of recognitions see www.samtec.com/quality

**ALSO AVAILABLE** (MOQ Required)

- Other Positions
- Solder leads & weld tab for 0.093” thick board
- Other platings

**APPLICATIONS**

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

**HIGH-SPEED CHANNEL PERFORMANCE**

ERM8-RA/ERF8-RA
Rating based on Samtec reference channel.For full SI performance data visit Samtec.com or contact SIG@samtec.com

- **ERM8-030-01-L-RA-L-K-TR**
- **ERM8-060-01-L-RA-L-K-TR**

- **–L = 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail**
- **–EM2 = 28 Gbps**
- **–D = Latching**
- **–TR = Tape & Reel**
- **–DS = Differential Pair**
- **–EGPS = Extended Guide Post Shield**
- **–DS2 = Differential Pair + Extended Guide Post Shield**

**Due to technical progress, all designs, specifications and components are subject to change without notice.**

WWW.SAMTEC.COM

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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