



(0.80 mm) .0315"

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

# RUGGED EDGE RATE® STRIPS

ERM8-RA / ERM8-EM Board Mates:

FRF8

ERM8-RA Cable Mates:

### **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):

(ERM8-EM):
(0.10 mm) .004" max (005-030)
(0.12 mm) .005" max (040-075)\*
\*(.004" stencil solution
may be available; contact
IPG@samtec.com)

# RECOGNITIONS

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



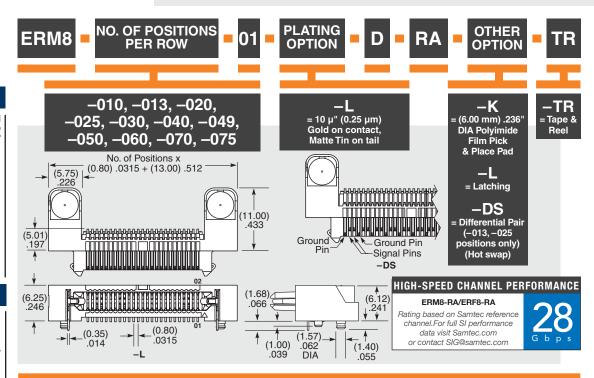
## ALSO AVAILABLE (MOQ Required)

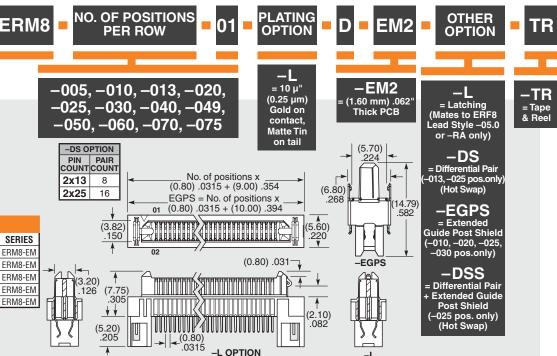
- Other Positions
- Solder leads & weld tab for (2.36 mm) .093" thick board
- Other platings

#### **APPLICATION** STANDARD POS. PART NOs. **SERIES** NEXUS5001™.org 11 ASP-137971-01 ERM8-EM POWER.org ASP-137974-01 ERM8-EM 17 ARM/HSSTP 20 ASP-133811-01 ERM8-EM 23 ASP-133811-02 ERM8-EM NEXUS5001™.org POWER.org 35 ASP-135040-01 ERM8-EM

Notes: Patented

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





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