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

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

WWW.SAMTEC.COM

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: 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

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

ALSO AVAILABLE (MOQ Required)
• Other Positions
• Solder leads & weld tab for (2.36 mm) .093" thick board
• Other platings

APPLICATIONS

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<td>NEXUS5001™.org POWER*</td>
<td>ASP-135040-01</td>
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Notes:
Patented
Some lengths, styles and options are non-standard, non-returnable.