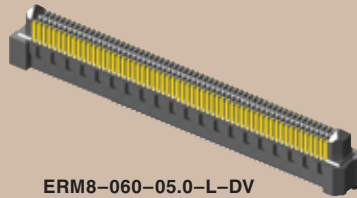
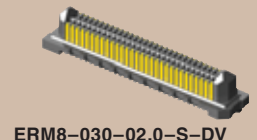
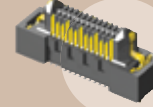


ERM8-013-05.0-S-DV-DS-L



ERM8-060-05.0-L-DV



ERM8-030-02.0-S-DV

0,80mm EDGE RATE HEADER ERM8 SERIES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?ERM8

Insulator Material: Black LCP
Terminal Material: Phosphor Bronze
Plating: Au or Sn over 50µ" (1,27µm) Ni
Current Rating: Testing Now!
Operating Temp Range: -55°C to +125°C
Voltage Rating: Testing Now!
RoHS Compliant: Yes



Processing:

Max Processing Temp: 230°C for 60 seconds, or 260°C for 20 seconds 3x
Lead-Free Solderable: Yes
SMT Lead Coplanarity: (0,10mm) .004" max (010-030) (0,12mm) .005" max (040-060) (0,15mm) .006" max (070-075)

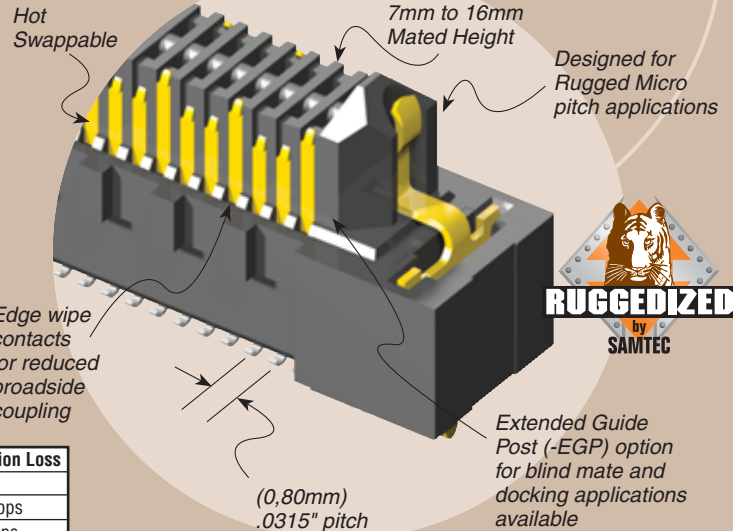
Mates with: ERF8



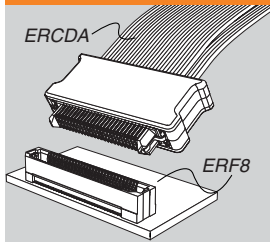
ERM8 LEAD STYLE	ERF8 LEAD STYLE	
	-05.0	-07.0
-02.0	(7,00) .276	(9,00) .354
-05.0	(10,00) .394	(12,00) .472
-09.0	(14,00) .551	(16,00) .629

0,80mm ERM8/ERF8	Rated @ -3dB Insertion Loss
7mm Stack Height	
Single-Ended Signaling	10.5 GHz / 21 Gbps
Differential Pair Signaling	9.5 GHz / 19 Gbps

Performance data for other stack heights available at www.samtec.com?ERM8



APPLICATION SPECIFIC OPTION



Cable system and other positions available. Call Samtec.

ERM8 - NO. OF POSITIONS PER ROW - LEAD STYLE - PLATING OPTION - DV - OTHER OPTION

-010, -020, -030, -040, -050, -060, -070, -075
 -013, -025 (Lead Style -05.0 only)

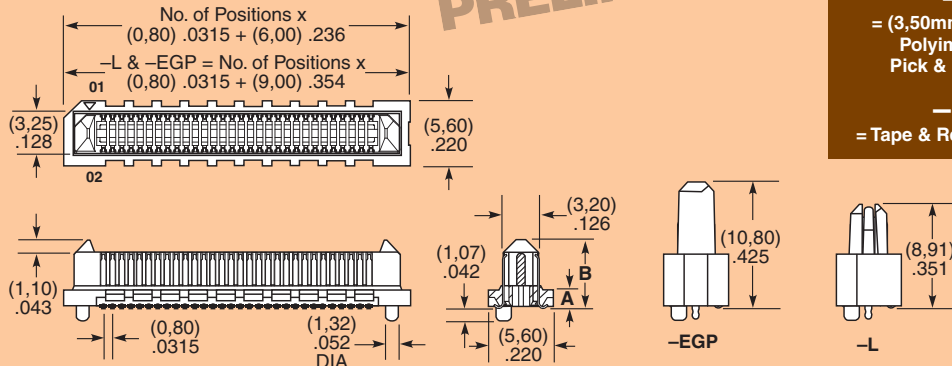
LEAD STYLE	A	B
-02.0	(1,61) .063	(5,97) .235
-05.0	(4,61) .181	(8,91) .351
-09.0	(8,61) .341	(12,91) .508

Specify LEAD STYLE from chart

-S = 30µ" (0,76µm) Gold on contact, Matte Tin on tail
 -L = 10µ" (0,25µm) Gold contact, Matte Tin on tail

-DS = Differential Pair Lead Style -05.0 only (-013, -025 positions only) (Hot swap)
 -L = Latching (Lead Style -05.0 only)
 -EGP = Extended Guide Post (Lead Style -05.0 only)
 -K = (3,50mm) .138" DIA Polyimide Film Pick & Place Pad
 -TR = Tape & Reel Packaging

-EGP OPTION PRELIMINARY



Note: 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.

WWW.SAMTEC.COM