

0,635mm (.025") HI-SPEED MIS, MIT SERIES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?MIS or www.samtec.com?MIT

Insulator Material: Liquid Crystal Polymer

Contact Material: Phosphor Bronze

Plating: Au over 50µ" (1,27µm) Ni

Current Rating: Contacts: 1.6A @ 80°C

Ground Plane: 8.7A @ 80°C

Operating Temp Range: -55°C to +125°C

Voltage Rating: 275 VAC

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 (019-076)

(0,15mm) .006" max (095-133)



Mates with:
MIT

MIS - NO. OF POSITIONS PER ROW - 01 - PLATING OPTION - D - OTHER OPTION

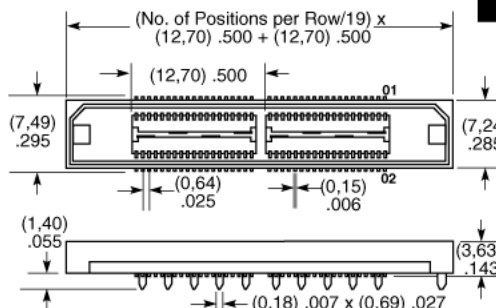
-019, -038, -057, -076, -095, -114, -133
(38 total positions per bank)

-L
= 10µ" (0,25µm) Gold on Signal Pins and Ground Plane

-F
= Gold Flash on Signal Pins and Ground Plane

-K
= (8,25mm) .325" DIA Polyimide film Pick & Place Pad

-TR
= Tape & Reel (-076 positions maximum)



STACK HEIGHTS

MIT LEAD STYLE	MATED HEIGHT WITH MIS
-01	(5,00) .197
-02	(8,00) .315
-03	(11,00) .433
-04	(16,00) .630
-05	(18,75) .738
-06	(22,00) .866

APPLICATION SPECIFIC OPTION

30µ" (0,76µm) Gold and Differential Pair and "Partitionable" (combine differential & single-ended banks in same connector) available. Call Samtec.



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

MIT - NO. OF POSITIONS PER ROW - LEAD STYLE - PLATING OPTION - D - OTHER OPTION

Mates with:
MIS

-019, -038, -057, -076, -095, -114, -133
(38 total positions per bank)

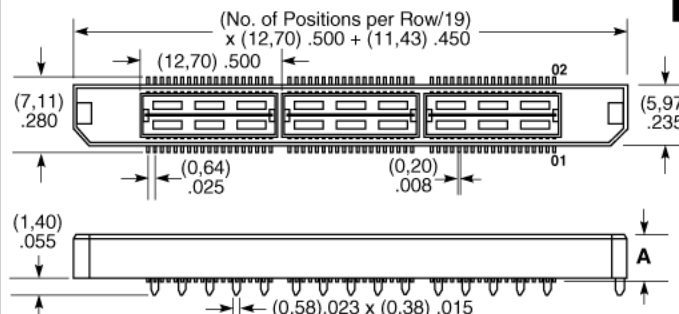
Specify LEAD STYLE from chart below.

-L
= 10µ" (0,25µm) Gold on Signal Pins and Ground Plane

-F
= Gold Flash on Signal Pins and Ground Plane

-K
= (7,00mm) .275" DIA Polyimide film Pick & Place Pad

-TR
= Tape & Reel (-076 positions maximum) Not available on lead styles -05 & -06



LEAD STYLE	A	LEAD STYLE	A
-01	(4,27) .168	-04	(15,24) .600
-02	(7,26) .286	-05	(17,98) .708
-03	(10,26) .404	-06	(21,21) .835

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

WWW.SAMTEC.COM

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 • Fax: 812-948-5047
 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0 • Fax: +49 (0) 89 / 89460-299
 SAMTEC SCANDINAVIA • Tel: +46-84477280 • Fax: +46-84477280
 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 • Fax: 65 6841-1502
 SAMTEC HONG KONG • Tel: 852-26904858 • Fax: 852-26904842
 SAMTEC SILICON VALLEY • Tel: 408-395-5900 • Fax: 408-395-1520
 SAMTEC FRANCE • Tel: 01 60 95 06 60 • Fax: 01 60 95 06 61
 SAMTEC ISRAEL • Tel: 972-3-7526600 • Fax: 972-3-7526690
 SAMTEC CHINA • Tel: 86-21-5385-4089 • Fax: 86-21-5385-4047
 SAMTEC SOUTH AFRICA • Tel: 27 11 4528112 • Fax: 27 86 6714432
 SAMTEC UK • Tel: 01236 739292 • Fax: 01236 727113
 SAMTEC ITALY • Tel: 39 039 6890337 • Fax: 39 039 6890315
 SAMTEC INDIA • Tel: 91 80 306 21 612 • Fax: 91 80 5152 8187
 SAMTEC TAIWAN • Tel: 886 02 2696-3367 • Fax: 886 02 8698-2159
 SAMTEC ANZ • Tel: 613 9512 7747 • Fax: 613 9512 7745