

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



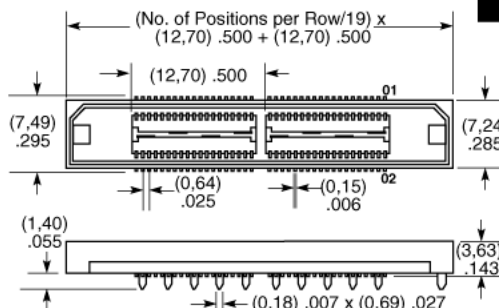
**-019, -038, -057, -076,
-095, -114, -133**
(38 total positions per bank)

-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)

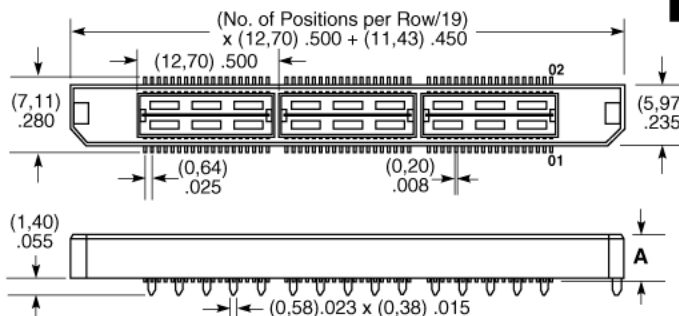
Specify
LEAD STYLE
from
chart
below.

-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.

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