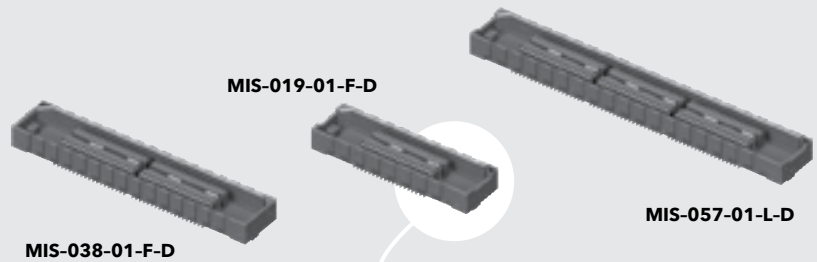


Samtec

QSTRIP®

(0.635 mm) .025"



MIS SERIES

MIXED TECHNOLOGY SOCKET

SPECIFICATIONS

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

Insulator Material:
Liquid Crystal Polymer

Contact Material:
Phosphor Bronze

Plating:
Au or Sn over
50 μ " (1.27 μ m) Ni

Operating Temp Range:
-55 °C to +125 °C

Voltage Rating:
275 VAC

Max Cycles:
100

RoHS Compliant:
Yes

Board Mates:
MIT

Standoffs:
SO

PROCESSING

Lead-Free Solderable:
Yes

SMT Lead Coplanarity:
(0.10 mm) .004" max (019-057)

Board Stacking:
For applications requiring more than two connectors per board contact ipg@samtec.com

RECOGNITIONS

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

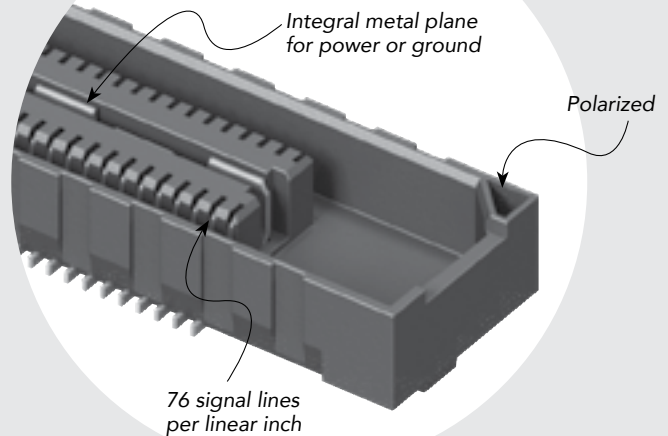


FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

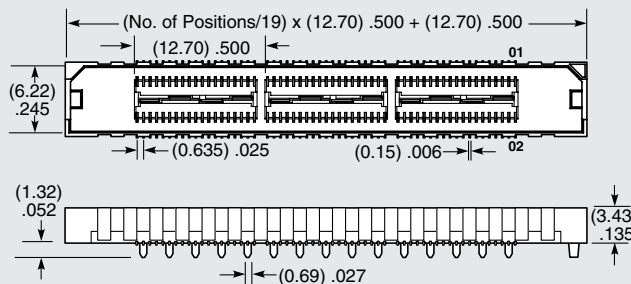
- 11 mm, 16 mm, 18.75 mm and 22 mm stack height
- 30 μ " (0.76 μ m) Gold
- Differential Pair and "Partitionable" (combine differential & single-ended banks in same connector) available.
- 76, 95, 114 and 133 positions per row

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



MIS	POSITIONS PER ROW	01	PLATING OPTION	D	OPTION	PACKAGING
		-019, -038, -057 (38 total positions per bank)	-F = Gold Flash on Signal Pins and Ground Plane, Matte Tin on tails -L = 10 μ " (0.25 μ m) Gold on Signal Pins and Ground Plane, Matte Tin on tails -C* = Electro-Polished Selective 50 μ " (1.27 μ m) min Au over 150 μ " (3.81 μ m) Ni on Signal Pins in contact area, 10 μ " (0.25 μ m) min Au over 50 μ " (1.27 μ m) Ni on Ground Plane in contact area, Matte Tin over 50 μ " (1.27 μ m) min Ni on all solder tails		-K = (7.00 mm) .275" DIA Polyimide film Pick & Place Pad	Leave blank for tray packaging -TR = Tape & Reel -FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

***Note:**
-C Plating passes 10 year MFG testing



Note: Rugged through-hole ground plane soldered to board (requires paste-over-hole, not press-fit) for added retention to PCB.

MATED HEIGHT*		
MIS LEAD STYLE	MIT LEAD STYLE	
	-01	-02
-01	(5.00) .197	(8.00) .315

*Processing conditions will affect mated height. See SO Series for board space tolerances.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

[MIS-038-01-F-D-K](#) [MIS-019-01-F-D-K](#) [MIS-019-01-L-D](#) [MIS-012-01-L-D-DP](#) [MIS-057-01-L-D-K](#) [MIS-019-01-F-D-TR](#)
[MIS-038-01-H-D](#) [MIS-038-01-L-D-K-TR](#) [MIS-057-01-F-D](#) [MIS-057-01-F-D-K](#) [MIS-057-01-F-D-K-TR](#) [MIS-019-01-H-D](#)
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[K](#) [MIS-038-01-L-D](#) [MIS-038-01-L-D-TR](#) [MIS-057-01-H-D-K](#) [MIS-019-01-L-D-K-TR](#) [MIS-024-01-L-D-DP](#) [MIS-038-01-](#)
[H-D-K](#) [MIS-019-01-L-D-TR](#) [MIS-019-01-H-D-K-TR](#) [MIS-038-01-H-D-K-TR](#) [MIS-057-01-L-D-K-TR](#) [MIS-038-01-C-D-K-](#)
[TR](#) [MIS-024-01-L-D-DP-K-TR](#) [MIS-019-01-C-D](#) [MIS-019-01-C-D-K](#) [MIS-024-01-L-D-DP-TR](#) [MIS-036-01-L-D-DP-TR](#)
[MIS-036-01-L-D-DP-K](#) [MIS-057-01-C-D](#) [MIS-019-01-L-D-K-FR](#) [MIS-038-01-F-D-K-FR](#) [MIS-057-01-L-D-K-FR](#) [MIS-](#)
[057-01-F-D-FR](#) [MIS-057-01-F-D-K-FR](#)