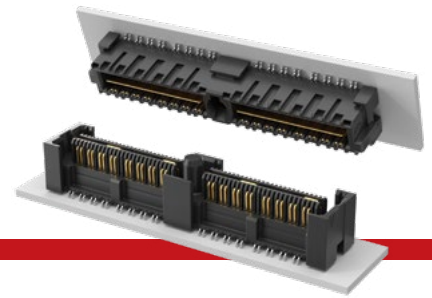




NRZ
25
Gbps



(0.635 mm) .025" PITCH • QMS/QFS SERIES

QMS
Board Mates:
QFS

QFS
Board Mates:
QMS

QMS/QFS
Cable Mates:
6QCD

Standoffs:
SO, JSOM

QMS	PINS PER ROW NO. OF PAIRS	LEAD STYLE	PLATING OPTION	TYPE	A	OTHER OPTION
-----	---------------------------	------------	----------------	------	---	--------------

-026,
-052, -078
(52 total pins per bank = -D)

Specify LEAD STYLE from Chart

-L
= 10 μ" (0.25 μm)
Gold on contact, Matte Tin on tail (-05.75 & -06.75 Lead Style Only)

-D
= Single-Ended

-D-DP
= Differential Pair

-K
= (5.50 mm) .217" DIA Polyimide film Pick & Place Pad

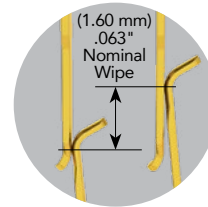
-016,
-032, -048
(16 pairs per bank = -D-DP)

(-078 & -048 Not available with -09.75 Lead Style)

-SL
= 10 μ" (0.25 μm)
Gold on contact, Matte Tin on tail (-09.75 Lead Style Only)

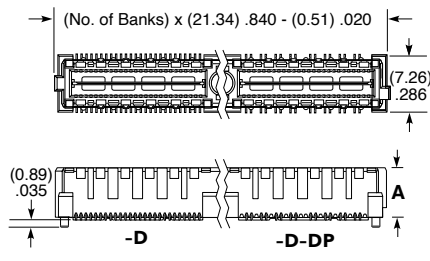
PACKAGING OPTION

Tape & Reel Options (-TR & -FR) available. Visit series web page and view engineering prints for complete specifications.



MATED HEIGHT*			
QMS LEAD STYLE	A	QFS LEAD STYLE	
		-4.25	-6.25
-05.75	(5.38) .212	10 mm	12 mm
-06.75	(6.35) .250	11 mm	13 mm
-09.75	(9.35) .368	14 mm	16 mm

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



SPECIFICATIONS

Insulator Material:
Liquid Crystal Polymer
Contact & Ground Plane Material:
Phosphor Bronze
Plating:
Au over 50 μ" (1.27 μm) Ni (Tin on Ground Plane Tail)
Current Rating:
Contact:
2.6 A per pin (2 pins powered)
Ground Plane:
15.7 A per ground plane (1 ground plane powered)
Operating Temp Range:
-55 °C to +125 °C
Voltage Rating:
300 VAC

PROCESSING

Lead-Free Solderable:
Yes
QMS SMT Lead Coplanarity:
(0.10 mm) .004" max (026-052)
(0.15 mm) .006" max (078)*
*(.004" stencil solution may be available; contact ipg@samtec.com)
QFS SMT Lead Coplanarity:
(0.10 mm) .004" max (026-078)
Board Stacking:
For applications requiring more than two connectors contact ipg@samtec.com

STANDARDS

SUMIT™
PCI/104-Express™
PCI/104-Express™ OneBank

Visit samtec.com/standards for more information, including mated heights and complete part numbers.

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

View complete specifications at: samtec.com?QMS

QFS	PINS PER ROW NO. OF PAIRS	LEAD STYLE	PLATING OPTION	TYPE	A	OTHER OPTION
-----	---------------------------	------------	----------------	------	---	--------------

-026, -052,
-078
(52 total pins per bank = -D)

Specify LEAD STYLE from Chart

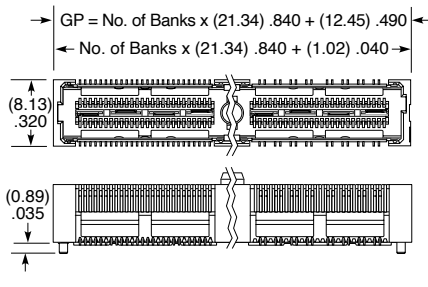
-L
= 10 μ" (0.25 μm)
Gold on contact, Matte Tin on tail (-04.25 Lead Style only)

-D
= Single-Ended

-D-DP
= Differential Pair (-04.25 Lead Style only)

-GP
= Guide Holes (-04.25 Lead Style only)

-016, -032,
-048
(16 pairs per bank = -D-DP)



LEAD STYLE	A
-04.25	(7.44) .293
-06.25	(9.42) .371

PACKAGING OPTION

Tape & Reel Options (-TR & -FR) available. Visit series web page and view engineering prints for complete specifications.

View complete specifications at: samtec.com?QFS

Mouser Electronics

Authorized Distributor

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Samtec:

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