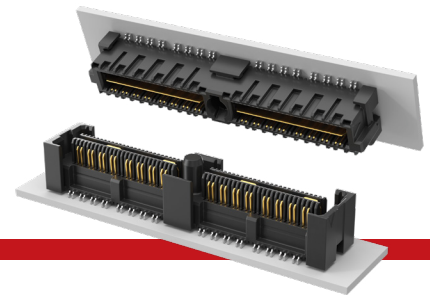




(0.635 mm) .025" PITCH • QMS/QFS SERIES

NRZ
25
Gbps



QMS
Board Mates:
QFS

QFS
Board Mates:
QMS

QMS/QFS

Cable Mates:
6QCD

Standoffs:
SO

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)
Operating Temp Range:
-55 °C to +125 °C
Current Rating:
Contact:
2.6 A per pin (2 pins powered)
Ground Plane:
15.7 A per ground plane
(1 ground plane powered)
Voltage Rating:
250 VAC/ 354 VDC

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.

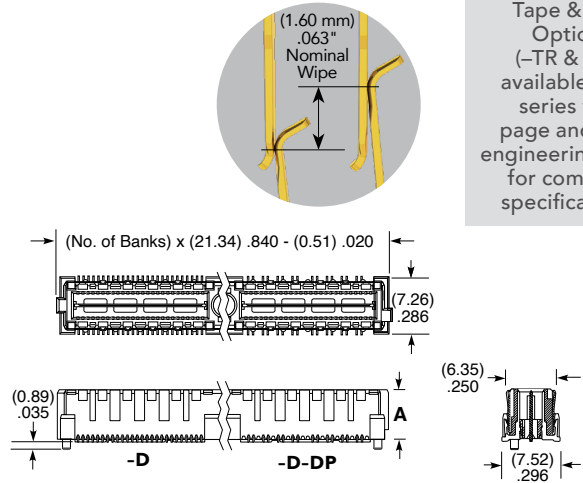
PCI-SIG® PCI Express® and
the PCIe® design marks are
registered trademarks and/or
service marks of PCI-SIG.

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

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)			

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.

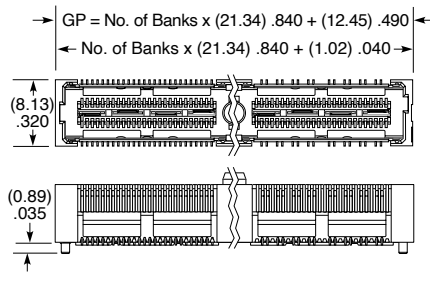


PACKAGING OPTION

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

View complete specifications at: samtec.com?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)		-SL = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail (-06.25 Lead Style only)			



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