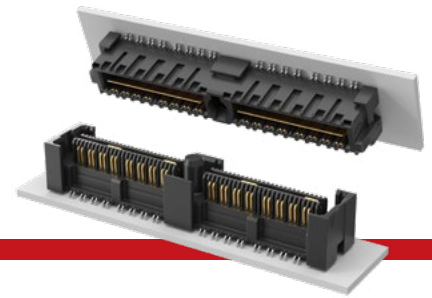




(0.635 mm) .025" PITCH • QMS/QFS SERIES

NRZ
25
Gbps



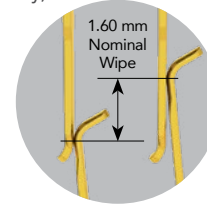
QMS
Board Mates:
QFS

QFS
Board Mates:
QMS

QMS/QFS
Cable Mates:
6QCD

Standoffs:
SO, 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 μ m) 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 N/A with -09.75 Lead Style)		-SL = 10 μ " (0.25 μ m) gold on contact, Matte Tin on tail (-09.75 Lead Style Only)			



PACKAGING OPTION

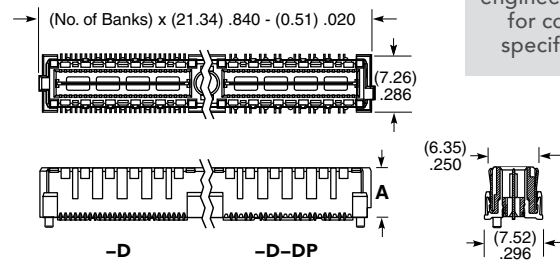
Tape & Reel
Options (-TR &
-FR) available.
Visit series web
page and view
engineering prints
for complete
specifications.

SPECIFICATIONS

Insulator Material:
Liquid Crystal Polymer
**Contact & Ground
Plane Material:**
Phosphor Bronze
Plating:
Au over 50 μ " (1.27 μ m) 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 when mated

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.



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

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 μ m) 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 μ m) gold on contact, Matte Tin on tail (-06.25 Lead Style only)			

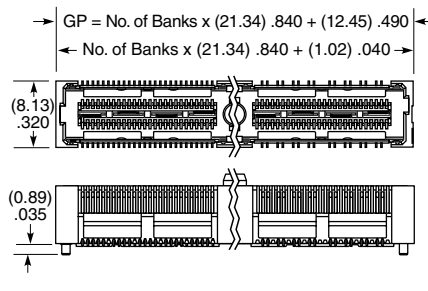
PACKAGING OPTION

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

STANDARDS

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

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



LEAD STYLE	A
-04.25	(7.44) .299
-06.25	(9.42) .371

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

View complete specifications at: samtec.com?QFS

See pg 46-47 for
Right-Angle & Edge
Mount options.