QSTRIP®

NRZ 25 Gbps



(0.635 mm) .025" PITCH • QTS/QSS SERIES

QTS
Board Mates:
QSS

QSS
Board Mates:
QTS

QTS/QSS
Cable Mates:
SQCD

Standoffs:
SO

SPECIFICATIONS

Insulator Material:
Liquid Crystal Polymer
Contact Material:
Phosphor Bronze
Plating:
Au or Sn over
50 µ" (1.27 µm) Ni
Current Rating:
Contact:
1.8 A per pin (2 pins powered)
Ground Plane:
23.1 A per ground plane
(1 ground plane powered)
Operating Temp Range:
-55 °C to +125 °C
Voltage Rating:
285 VAC
Max Cycles:
100

PROCESSING

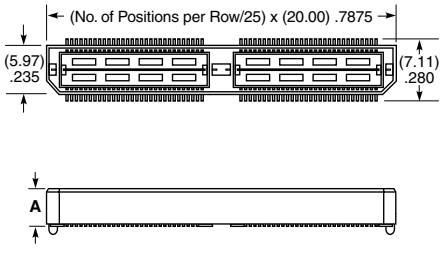
Lead–Free Solderable:
Yes
QTS SMT Lead Coplanarity:
(0.10 mm) .004" max
(025-075)
QSS SMT Lead Coplanarity:
(0.10 mm) .004" max
(025-050)
(0.15 mm) .006" max (075)*
*(.004" stencil solution
may be available; contact
ipg@samtec.com)
Board Stacking:
For applications requiring
more than two connectors
contact ipg@samtec.com

10 YEAR MFG
EXTENDED LIFE PRODUCT
HIGH MATING CYCLES

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

QTS

QTS	NO. OF POSITIONS PER ROW	LEAD STYLE	PLATING OPTION	D	A	OTHER OPTIONS	"X"R
	–025, –050, –075 (50 total positions per bank)	Specify LEAD STYLE from Chart	–F = Gold flash on contact, Matte Tin on tail –L = 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail –C = 50 µ" (1.27 µm) Electro-Polished Selective Gold on contact, Matte Tin on tail (passes 10 year MFG testing)			–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)



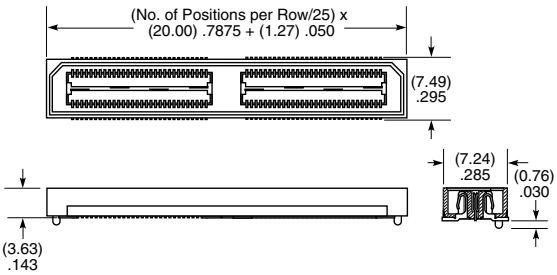
QTS LEAD STYLE	A	MATED HEIGHT WITH QSS
–01	(4.27) .168	(5.00) .197
–02	(7.26) .286	(8.00) .315

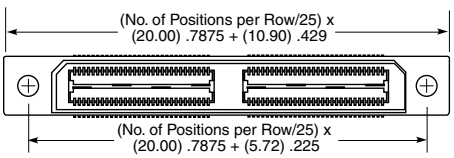
*Processing conditions will affect mated height.
See SO Series for board space tolerances.

View complete specifications at: **samtec.com?QTS**

QSS

QSS	NO. OF POSITIONS PER ROW	01	PLATING OPTION	D	A	OTHER OPTIONS	"X"R
	–025, –050, –075 (50 total positions per bank)		–F = Gold flash on contact, Matte Tin on tail –L = 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail –C = 50 µ" (1.27 µm) Electro-Polished Selective Gold on contact, Matte Tin on tail (passes 10 year MFG testing)			–GP = Guide Holes for mating with QTS-RA –K = (8.25 mm) .325" 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)





-GP OPTION

View complete specifications at: **samtec.com?QSS**

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.