



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

NRZ
25
Gbps



QTS
Board Mates:
QSS

QSS
Board Mates:
QTS

QTS/QSS
Cable Mates:
SQCD

Standoffs:
SO



-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

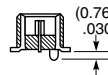
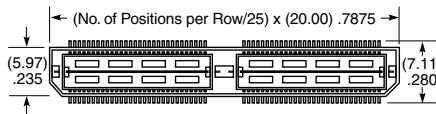
Leave blank for Tray Packaging

-TR
= Tape & Reel

-FR
= Full Reel Tape & Reel must order max. quantity per reel; contact Samtec for quantity breaks)

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



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

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



-025, -050, -075
(50 total positions per bank)

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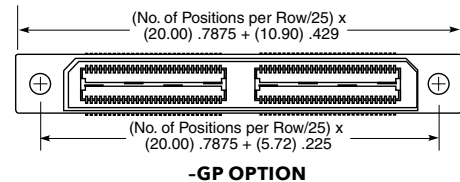
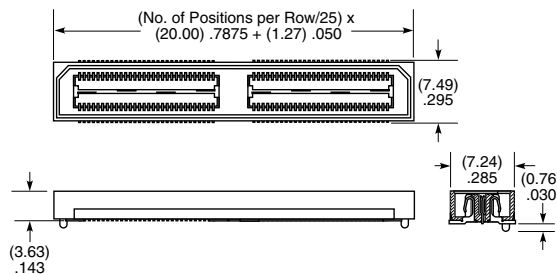
-GP
= Guide Holes for mating with QTS-RA

-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)



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

View complete specifications at: samtec.com?QSS

Mouser Electronics

Authorized Distributor

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

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