



NRZ
14
Gbps



(0.635 mm) .025" PITCH • QMSS/QFSS SERIES

QMSS
Board Mates:
QFSS

QFSS
Board Mates:
QMSS

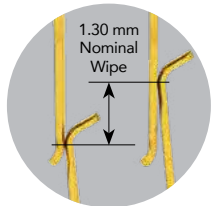
QMSS/QFSS
Standoffs:
SO

SPECIFICATIONS

Insulator Material:
Liquid Crystal Polymer
Terminal, Ground Plane & Shield Material:
Phosphor Bronze
Plating:
Au over 50 μm (1.27 μm) Ni (Tin on Ground Plane Tail)
Operating Temp Range:
-55 °C to +125 °C
Voltage Rating:
300 VAC when mated

PROCESSING

Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max (026-078)
Board Stacking:
For applications requiring more than two connectors contact ipg@samtec.com



QMSS	PINS PER ROW NO. OF PAIRS	06.75	PLATING OPTION	TYPE	A	OTHER OPTION
------	---------------------------	-------	----------------	------	---	--------------

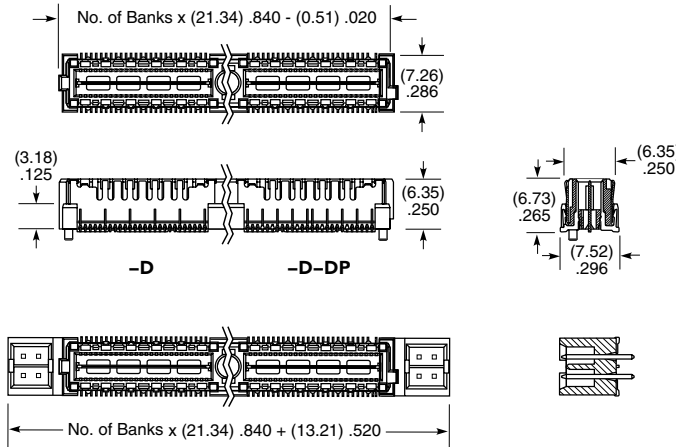
-026, -052, -078
(52 total pins per bank / 40 signals + 12 grounds to shield = -D)
-016, -032, -048
(16 pairs per bank = -D-DP)

-L
= 10 μm (0.25 μm) gold on contact, Matte Tin on tail

-D
= Single-Ended
-D-DP
= Differential Pair

-K
= (5.50 mm) .217" DIA Polyimide film Pick & Place Pad (N/A with -PC4)

-PC4
= 4 Power Pins/End (N/A with -A)



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?QMSS

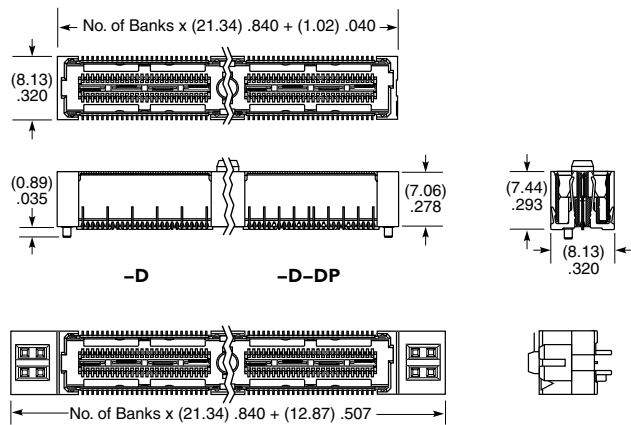
QFSS	PINS PER ROW NO. OF PAIRS	04.25	PLATING OPTION	TYPE	A	OTHER OPTION
------	---------------------------	-------	----------------	------	---	--------------

-026, -052, -078
(52 total pins per bank / 40 signals + 12 grounds to shield = -D)
-016, -032, -048
(16 pairs per bank = -D-DP)

-L
= 10 μm (0.25 μm) gold on contact, Matte Tin on tail

-D
= Single-Ended
-D-DP
= Differential Pair

-PC4
= 4 Power Pins/End (N/A with -A)



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

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

View complete specifications at: samtec.com?QFSS