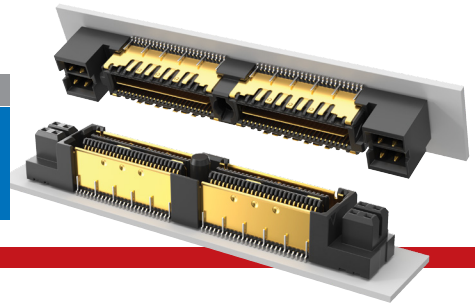
NRZ
14
Gbps



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

QMSS
Board Mates:
QFSS

QFSS
Board Mates:
QMSS

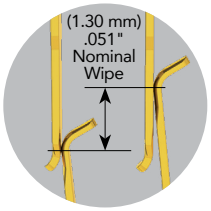
QMSS/QFSS
Standoffs:
SO

SPECIFICATIONS

Insulator Material:
Liquid Crystal Polymer
Terminal, Ground Plane & Shield Material:
Phosphor Bronze
Plating:
Au over 50 µ" (1.27 µm) Ni (Tin on Ground Plane Tail)
Operating Temp Range:
-55 °C to +125 °C
Current Rating:
Contact:
3.4 per pin (4 adjacent pins powered)
Ground Plane:
7.8 A per ground plane (2 ground planes powered)
Voltage Rating:
300 VAC/424 VDC

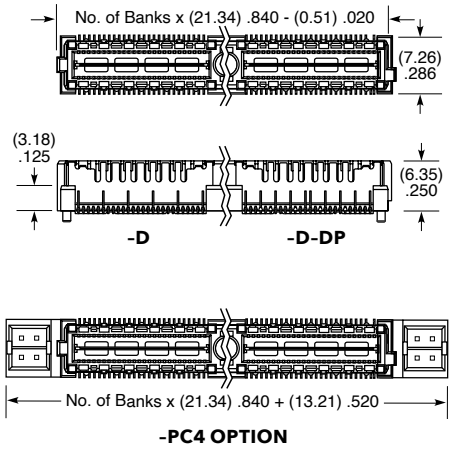
PROCESSING

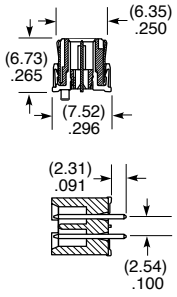
Lead–Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max (026-078)
Board Stacking:
For applications requiring more than two connectors contact ipg@samtec.com



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

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 µ" (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)

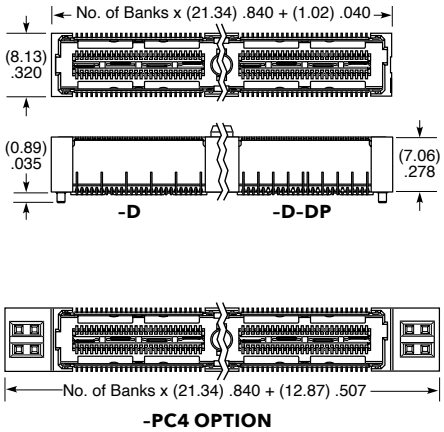


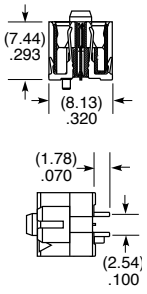


PACKAGING OPTION
Tape & Reel Options (-TR & -FR) available. Visit series web page and view engineering prints for complete specifications.

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 µ" (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.

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

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.