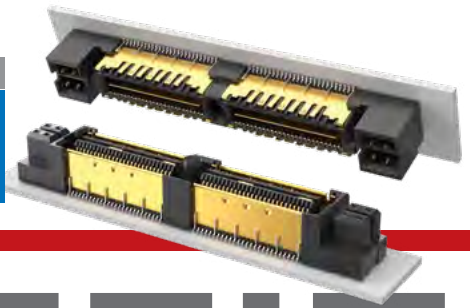




(0.635 mm) .025" PITCH • QMSS/QFSS SERIES

NRZ  
14  
Gbps



**QMSS**  
Board Mates:  
QFSS

**QFSS**  
Board Mates:  
QMSS

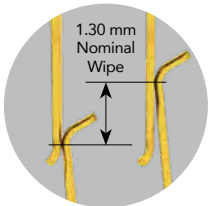
**QMSS/QFSS**  
Standoffs:  
SO

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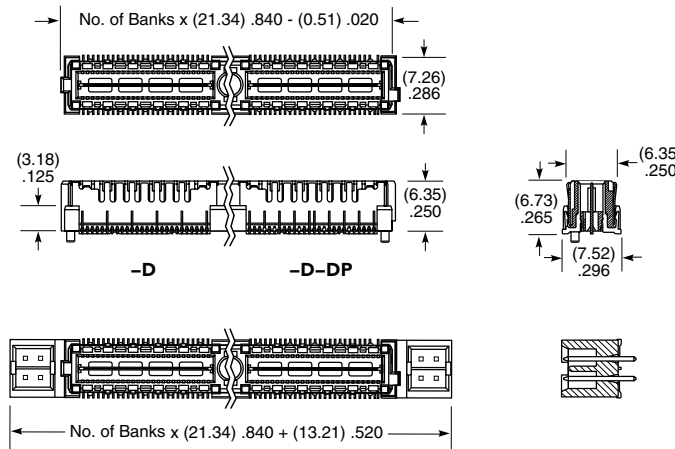
**-026, -052, -078**  
(52 total pins per bank / 40 signals + 12 grounds to shield = -D)  
**-016, -032, -048**  
(16 pairs per bank = -D-DP)

**-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](http://samtec.com?QMSS)

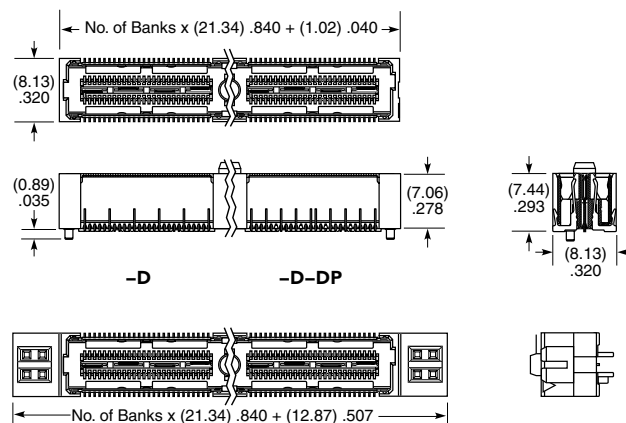
QFSS	PINS PER ROW NO. OF PAIRS	04.25	PLATING OPTION	TYPE	A	OTHER OPTION
------	---------------------------	-------	----------------	------	---	--------------

**-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.

View complete specifications at: [samtec.com?QFSS](http://samtec.com?QFSS)

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

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