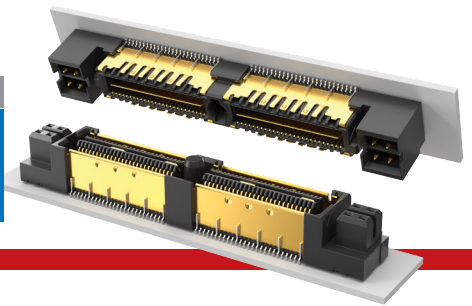




NRZ
14
Gbps



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

QMSS
Board Mates:
QFSS

QFSS
Board Mates:
QMSS

QMSS/QFSS
Standoffs:
SO

| 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

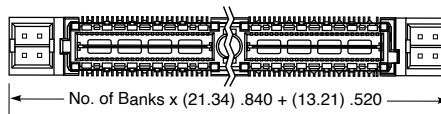
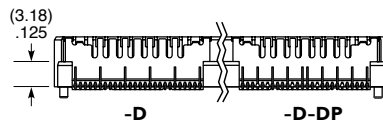
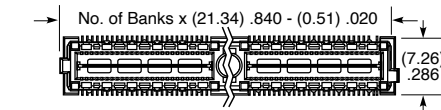
-D-DP
= Differential Pair

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

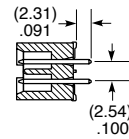
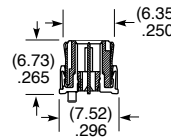
-PC4
= 4 Power Pins/End (N/A with -A)

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
- 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



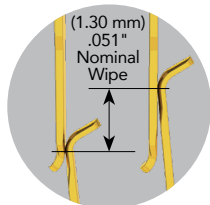
-PC4 OPTION



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

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



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)

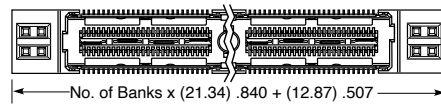
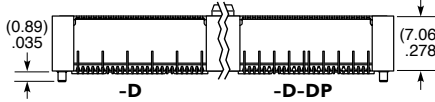
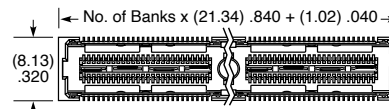
-016, -032, -048
(16 pairs per bank = -D-DP)

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

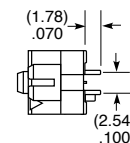
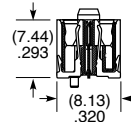
-D
= Single-Ended

-D-DP
= Differential Pair

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



-PC4 OPTION



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