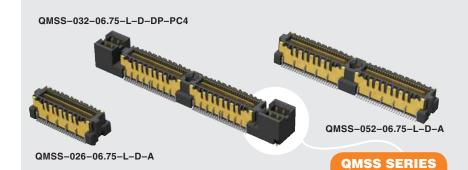




(0.635 mm) .025"



DED GROUND PLANE HEADER

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?QMSS

Insulator Material: Insulator Material: Liquid Crystal Polymer Terminal, Ground Plane & Shield Material: Phosphor Bronze

Plating: Au over 50μ" (1.27 μm) Ni (Tin on Ground Plane Tail) Voltage Rating: 300 VAC mated with QFSS Operating Temp: -55°C to +125°C RoHS Compliant:Yes

Processing: Lead-Free Solderable: Yes SMT Lead Coplanarity: (0.10 mm) .004" max (026-078)

Board Stacking:

For applications requiring more than two connectors per board, contact ipg@samtec.com

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

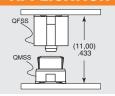


ALSO AVAILABLE (MOQ Required)

- · Headers without Alignment Pins
- 8 Power Pins/End
- 4 or 8 Power Pins/End for (2.36 mm) .093" thick board
- Guide Post
- Edge Mount
- 64 (-DP) and 104 pins per row

Contact Samtec.

APPLICATION



Note: Patented

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

Board Mates:

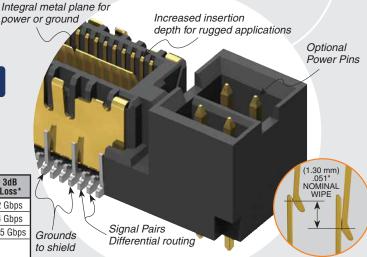
QMSS



QMSS/QFSS 11 mm Stack Height	Туре	Rated @ 3dB Insertion Loss*
Single-Ended Signaling	-D	6 GHz / 12 Gbps
Differential Pair Signaling	-D	7 GHz / 14 Gbps
Differential Pair Signaling	-D-DP	7.5 GHz / 15 Gbps

*Performance data includes effects of a non-optimized PCB.

Performance data for other stack heights and complete test data available at www.samtec.com?QMSS or contact sig@samtec.com



NO. OF PAIRS

06.75

PLATING OPTION

_(6.35)

(2.54)

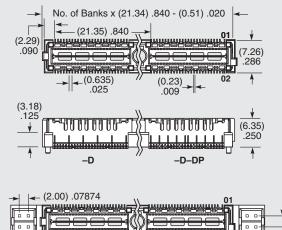
OTHER OPTION

-026, -052, -078 (52 total pins per bank

PINS PER ROW

40 signals + 12 grounds to shield = -D)

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



No. of Banks x (21.34) .840 + (13.21) .520

-PC4

= 10µ" (0.25 µm) Gold on Signal Pins, Shield and **Ground Plane**

(Tin on Signal Pin tails, and Ground Plane tails)

(0.25)

010

(6.73)

.265

(2.54)

.100

(7.52)

296

(2.31)

–D = Single-Ended -D-DP

= Differential Pair

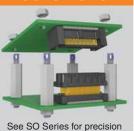
-K = (5.50 mm)

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

-PC4

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

OTHER SOLUTIONS



machined standoffs.