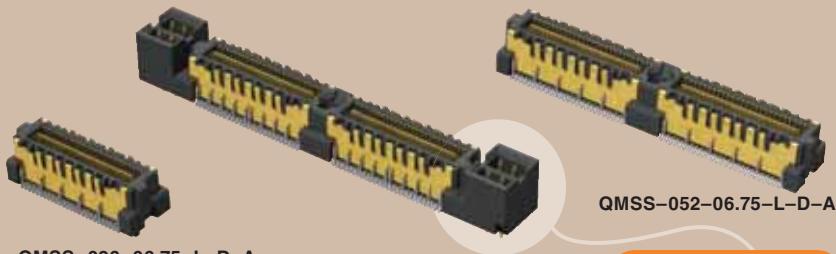




(0,635 mm) .025"

QMSS-032-06.75-L-D-DP-PC4



QMSS-052-06.75-L-D-A

QMSS SERIES

# SHIELDED GROUND PLANE HEADER

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?QMSS](http://www.samtec.com?QMSS)

### Insulator Material:

Liquid Crystal Polymer

### Terminal, Ground Plane & Shield Material:

Phosphor Bronze

### Plating:

Au over 50 $\mu$ " (1,27  $\mu$ m) 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

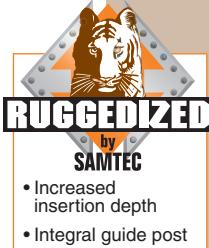
### SMT Lead Coplanarity:

(0,10 mm) .004" max (026-078)

### Board Stacking:

For applications requiring more than two connectors per board, contact [ipg@samtec.com](mailto:ipg@samtec.com)

Board Mates:  
QFSS



- Increased insertion depth
- Integral guide post

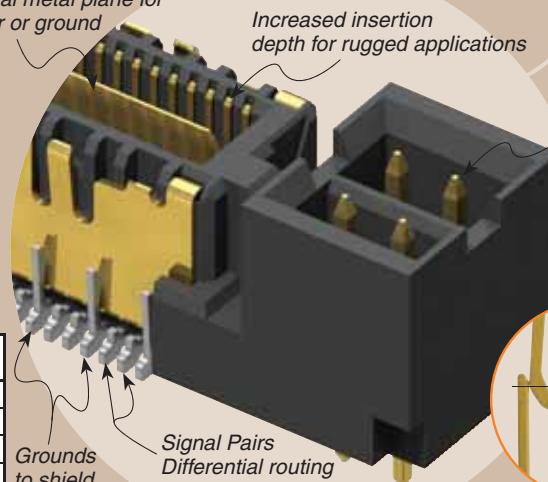
Integral metal plane for power or ground

Increased insertion depth for rugged applications

Optional Power Pins

QMSS/QFSS	Type	Rated @ 3dB Insertion Loss*
11 mm Stack Height		
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](http://www.samtec.com?QMSS) or contact [sig@samtec.com](mailto:sig@samtec.com)



## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)

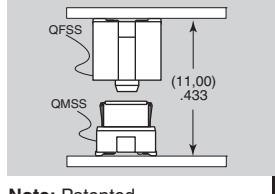


## ALSO AVAILABLE (MOQ Required)

- 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
- Hot Pluggable
- 64 (-DP) and 104 pins per row

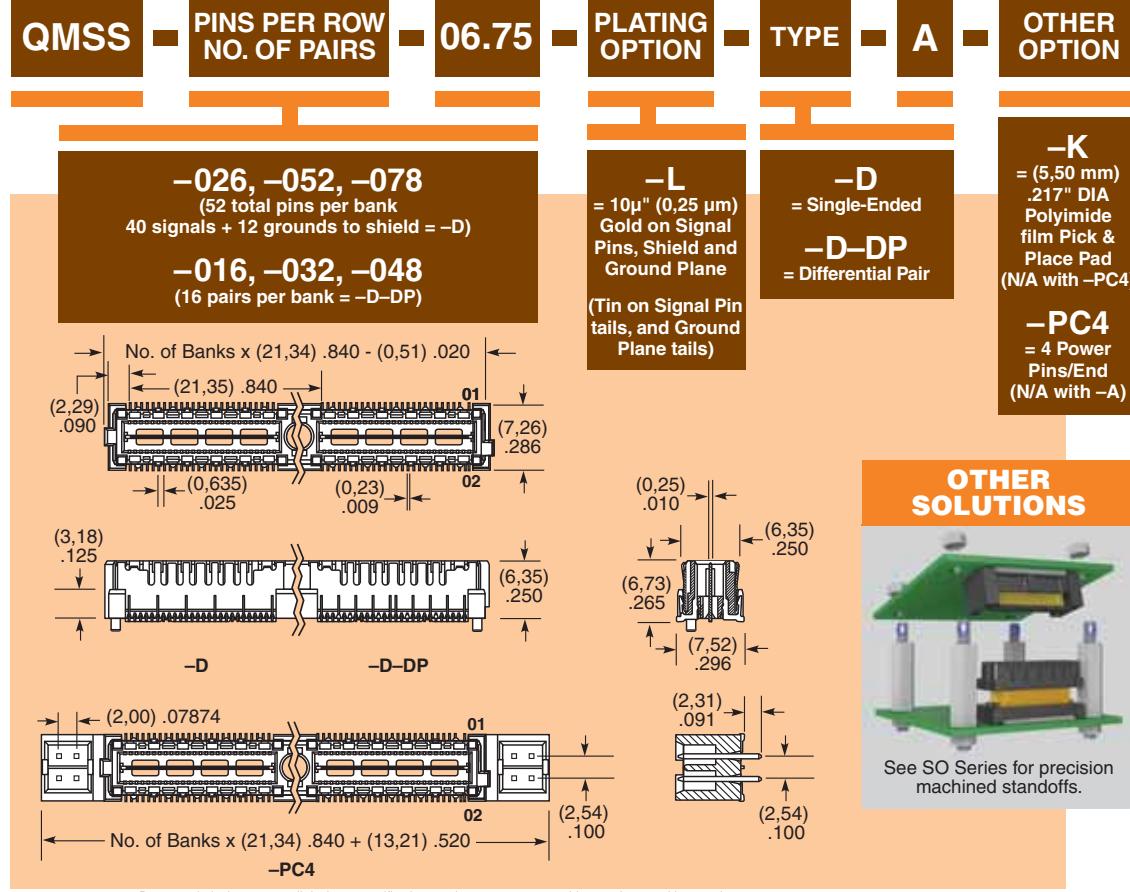
Contact Samtec.

## APPLICATION



Note: Patented

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



Due to technical progress, all designs, specifications and components are subject to change without notice.

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