

QMSS-026-06.75-L-D-A

QMSS-052-06.75-L-D-A

**QMSS SERIES**

**(0.635 mm) .025"**

# 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 μ" (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

**Board Mates:**

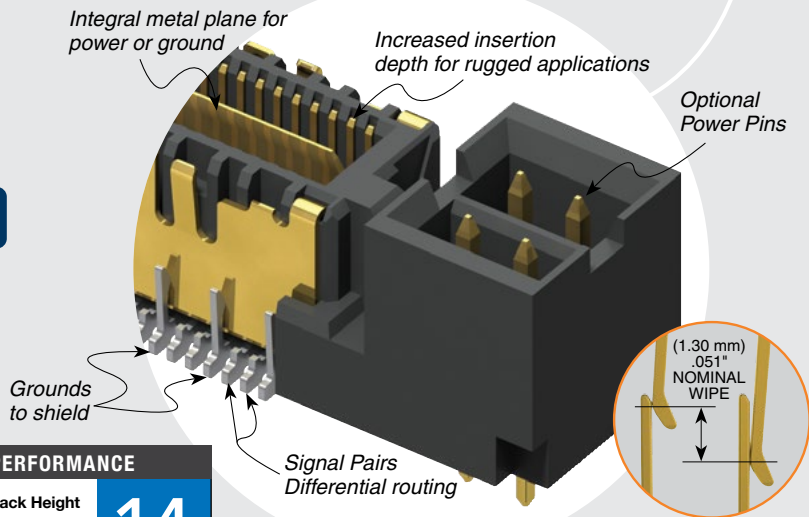
QFSS

**Standoffs:**

SO



- Increased insertion depth
- Integral guide post



**HIGH-SPEED CHANNEL PERFORMANCE**

QMSS-DP/QFSS-DP @ 11 mm Mated Stack Height

Rating based on Samtec reference channel.  
For full SI performance data visit [Samtec.com](http://Samtec.com) or contact [SIG@samtec.com](mailto:SIG@samtec.com)

**14**  
G b p s

## 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)

## RECOGNITIONS

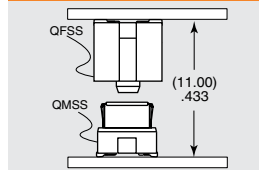
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## 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
  - 64 (-DP) and 104 pins per row
- Contact Samtec.

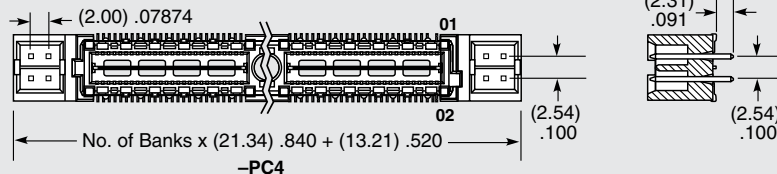
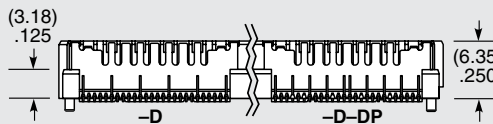
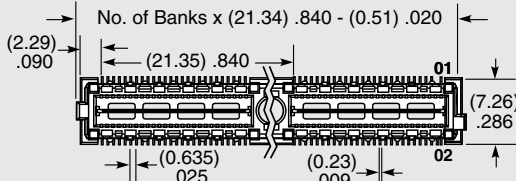
## APPLICATION



**Notes:**  
Patented

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

<b>QMSS</b>	<b>PINS PER ROW NO. OF PAIRS</b>	<b>06.75</b>	<b>PLATING OPTION</b>	<b>TYPE</b>	<b>A</b>	<b>OTHER OPTION</b>
			<b>-L</b> = 10 μ" (0.25 μm) Gold on Signal Pins, Shield and Ground Plane (Tin on Signal Pin tails, and Ground Plane tails)	<b>-D</b> = Single-Ended <b>-D-DP</b> = Differential Pair		<b>-K</b> = (5.50 mm) .217" DIA Polyimide film Pick & Place Pad (N/A with -PC4) <b>-PC4</b> = 4 Power Pins/End (N/A with -A)



### OTHER SOLUTIONS

See SO Series for precision machined standoffs.

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