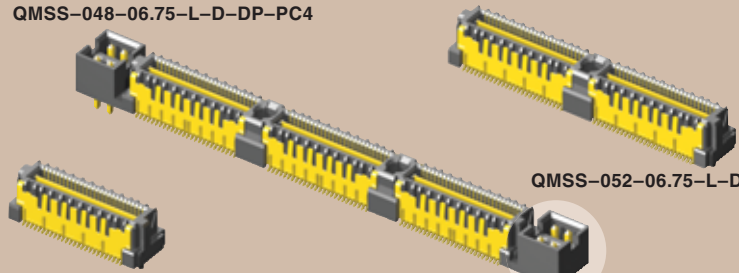




QMSS-048-06.75-L-D-DP-PC4



QMSS-052-06.75-L-D-A

QMSS-026-06.75-L-D-A

# 0,635mm SHIELDED HEADER QMSS SERIES

## 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 50µ" (1.27µm) Ni

(Tin on Ground Plane Tail)

### Current Rating:

Signal Contact: 1.8A @ 80°C

Power Contact: 3.95A @ 80°C

Ground Plane: 8.9A @ 80°C

### Voltage Rating:

300 VAC mated with QFSS

### Operating Temp:

-55°C to +125°C

### RoHS Compliant:

Yes

### Processing:

#### Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

#### Lead-Free Solderable:

Yes

#### SMT Lead Coplanarity:

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

(0,15mm) .006" max (104)

#### Board Stacking:

For applications requiring

more than two connectors per

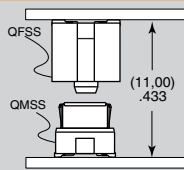
board or 4 banks or more,

contact [ipg@samtec.com](mailto:ipg@samtec.com)

## APPLICATION SPECIFIC OPTION

- Headers without Alignment Pins
  - 8 Power Pins/End
  - 4 or 8 Power Pins/End for (2,36mm) 0.93" thick board
  - Guide Post
  - Edge Mount
  - Hot Pluggable
- Call Samtec.

## APPLICATION

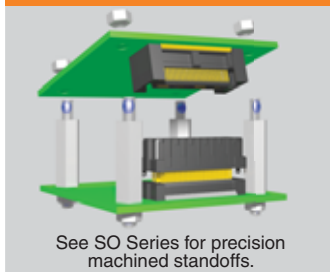


**Note:** Some lengths, styles and options are non-standard, non-returnable.

**Board Mates:**  
QFSS

**Cable Mates:**  
6QDPS

## APPLICATIONS



Integral metal plane  
for power or ground

Increased insertion  
depth for rugged applications

Optional  
Power Pins

Grounds  
to shield

Signal Pairs  
Differential routing



QMSS

PINS PER ROW  
NO. OF PAIRS

06.75

PLATING  
OPTION

TYPE

A

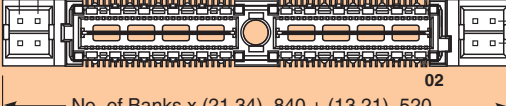
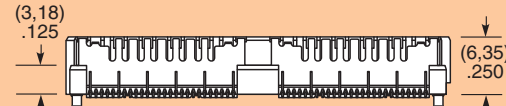
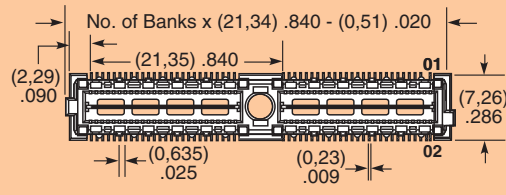
OTHER  
OPTION

–026, –052, –078, –104

(52 total pins per bank  
40 signals + 12 grounds to shield = –D)

–016, –032, –048, –064

(16 pairs per bank = –D–DP)



–PC4

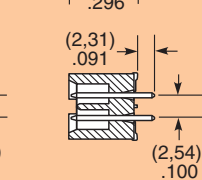
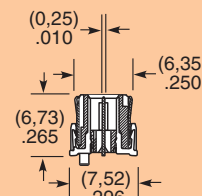
–L  
= 10µ" (0,25µm)  
Gold on Signal  
Pins, Shield and  
Ground Plane

(Gold flash on  
Signal Pin tails,  
Tin on Ground  
Plane tails)

–D  
= Single-Ended  
–D–DP  
= Differential Pair

–K  
= (5,50mm)  
.217" DIA  
Polyimide  
film Pick &  
Place Pad  
(N/A with –PC4)

–PC4  
= 4 Power  
Pins/End  
(N/A with  
–104 or –A)



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

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