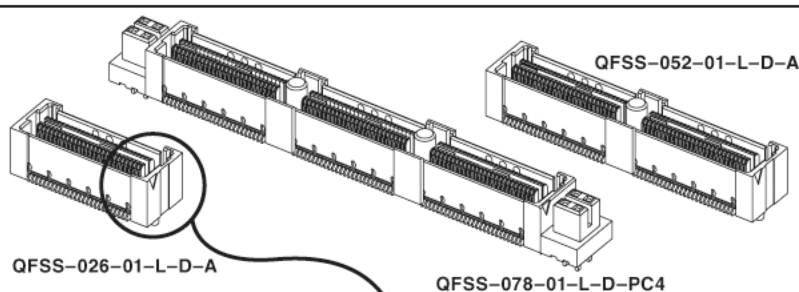


samtec



0,635mm SHIELDED SOCKET QFSS SERIES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com/QFSS

Insulator Material:

Liquid Crystal
Polymer



Contact, Ground Plane & Shield Material:

Phosphor Bronze

Plating:

Au over 50µ" (1,27µm) Ni
(Tin on Ground Plane tails)

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 QMSS

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, contact ipg@samtec.com

Mates with:
QMSS

Standard shield grounding is GSSSSG. Application Specific options available

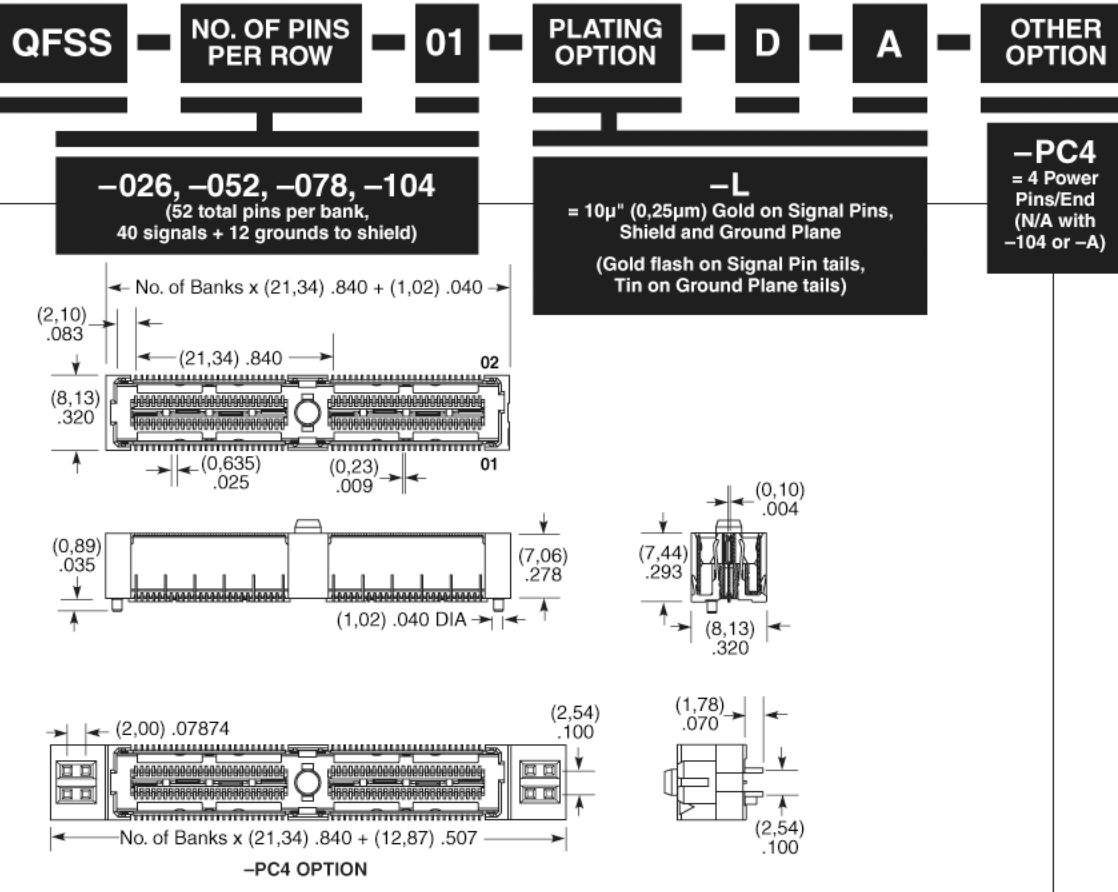
Increased insertion depth

**SIGNAL
INTEGRITY
DIVISION**

Contact Samtec
Signal Integrity Group for test data

APPLICATION SPECIFIC OPTION

- Headers without Alignment Pins
 - 8 Power Pins/End
 - Guide Holes
 - Hot Pluggable
- Call Samtec.



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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