

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: 1.87A @ 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

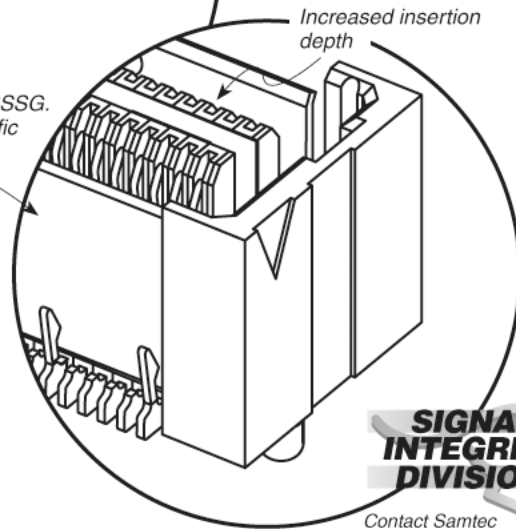
Lead-Free Solderable:
Yes

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

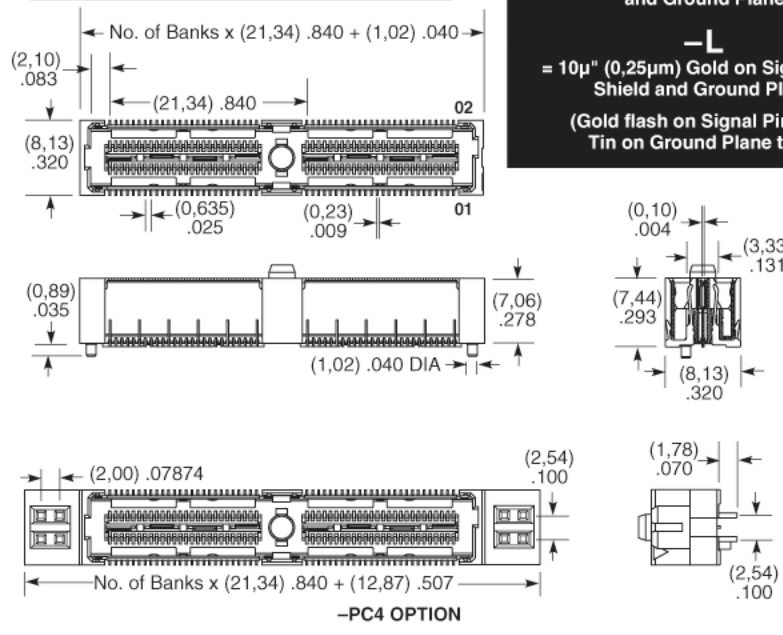
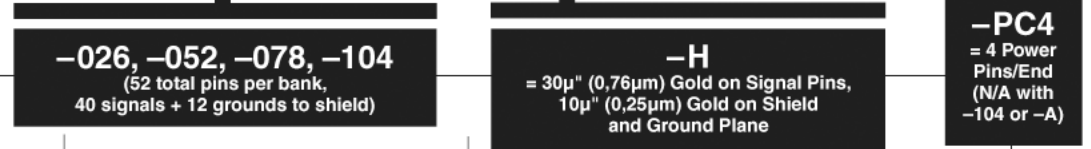
Standard shield grounding is GSSSSG. Application Specific options available



Contact Samtec Signal Integrity Group for test data

APPLICATION SPECIFIC OPTION

- Headers without Alignment Pins
 - 8 Power Pins/End
 - Guide Holes
 - Edge Mount
 - 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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