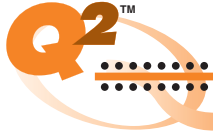
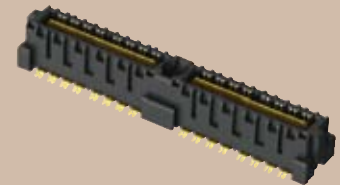


(0,635mm) .025"

QMS SERIES



QMS-026-06.75-L-D-A



RUGGED GROUND PLANE HEADER

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?QMS

Insulator Material:

Liquid Crystal Polymer



Terminal & Ground Plane Material:

Phosphor Bronze

Plating:

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

Current Rating:

Contact: 1.6A @ 95°C

Ground Plane: 9.2A @ 95°C

Voltage Rating:

300 VAC mated with QFS

Operating Temp:

-55°C to +125°C

RoHS Compliant:

Yes



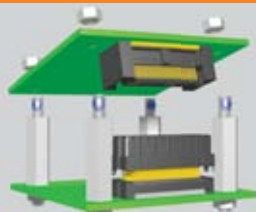
- Increased insertion depth
- Integral guide post

Board Mates:
QFS

Cable Mates:
Q2DA, 6QCD, 6QDP



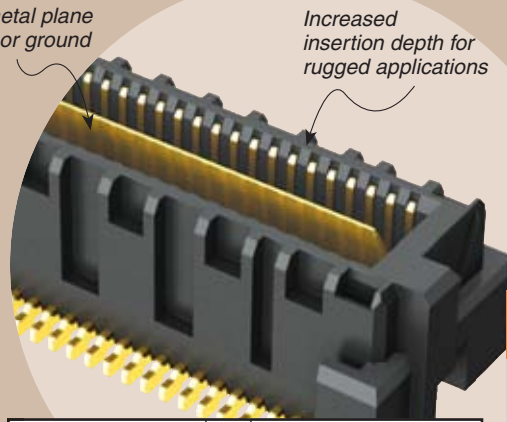
APPLICATIONS



See SO Series for precision machined standoffs.

Integral metal plane for power or ground

Increased insertion depth for rugged applications



APPLICATION SPECIFIC

- Power & RF options
 - Edge Mount
 - Guide Posts
 - Without PCB Alignment Pins (05.75 and 06.75 only)
 - Hot Pluggable
- Call Samtec.

11mm Stack Height	Type	Rated @ 3dB Insertion Loss
Single-Ended Signaling	-D	8 GHz / 16 Gbps
Differential Pair Signaling	-D	7.5 GHz / 15 Gbps
Differential Pair Signaling	-DP	7 GHz / 14 Gbps

Performance data for other stack heights and complete test data available at www.samtec.com?QMS or contact sig@samtec.com

Processing:

Lead-Free Solderable:

Yes

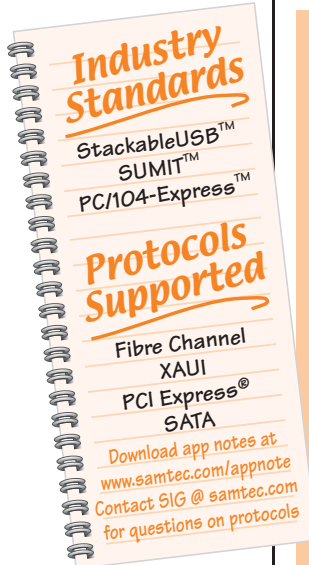
SMT Lead Coplanarity:

(0,10mm) .004" max (026-052)

(0,15mm) .006" max (078-104)

Board Stacking:

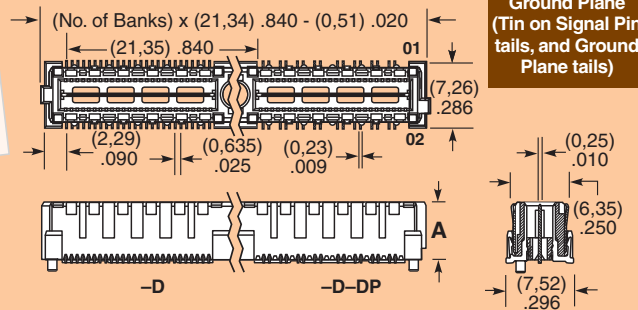
For applications requiring more than two connectors per board or 4 banks or more, contact ipg@samtec.com



QMS	PINS PER ROW NO. OF PAIRS	LEAD STYLE	PLATING OPTION	TYPE	A	OTHER OPTION
	-026, -052, -078, -104 (52 total pins per bank = -D)	-L (-05.75 and -06.75 lead style only) = 10µ" (0,25µm) Gold on Signal Pins and Ground Plane (Gold flash on Signal Pin tails, Tin on Ground Plane tails)	-L	-D = Single-Ended -D-DP = Differential Pair		-K = (5,50mm) .217" DIA Polyimide film Pick & Place Pad

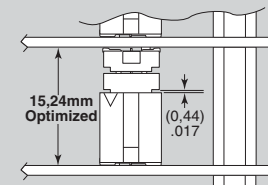
LEAD STYLE	A	MATED HEIGHT*	
		QFS LEAD STYLE -04.25	-06.25
-05.75	(5,38) .212	10mm	12mm
-06.75	(6,35) .250	11mm	13mm
-09.75	(9,35) .368	14mm	16mm

*Processing conditions will affect mated height.



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

APPLICATION



Requires Standoff SO-1524-03-01-02-L for 15,24mm board spacing. Connectors designed to not fully seat when mated.

INDUSTRY STANDARD	INTERCONNECTS	
	TERMINAL	SOCKET
StackableUSB™	ASP-129637-01	ASP-129646-01
SUMIT™	ASP-129637-01	ASP-129646-01
PCI/104-Express™	ASP-129637-03	ASP-129646-03

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

WWW.SAMTEC.COM