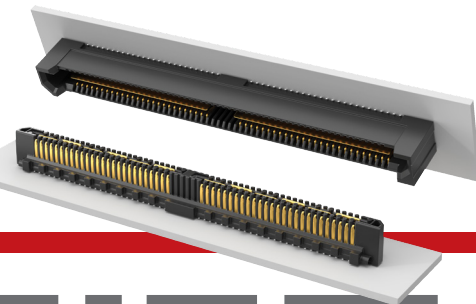




QRM8 Board Mates: QRF8

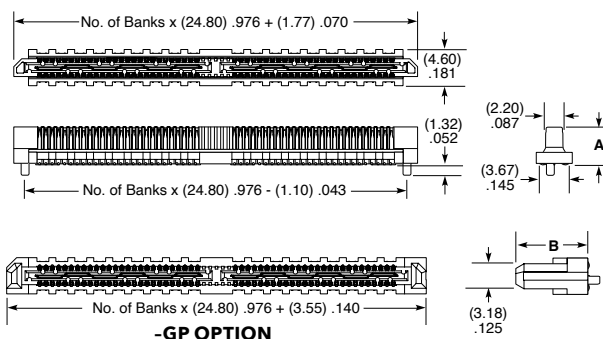
QRF8 Board Mates: QRM8

QRM8/QRF8 Cable Mates: EQRD

SPECIFICATIONS

Insulator Material:
Black LCP
QRM8 Terminal Material:
Phosphor Bronze
QRF8 Contact Material:
BeCu
Ground Plane Material:
Phosphor Bronze
Plating:
Au or Sn over
50 μ" (1.27 μm) Ni
Operating Temp Range:
-55 °C to +125 °C
Current Rating:
Contact:
3.3 A per pin
(2 pins powered)
Voltage Rating:
215 VAC/304 VDC
Max Cycles:
100

QRM8	PINS PER ROW NO. OF PAIRS	LEAD STYLE	PLATING OPTION	TYPE	A	OTHER OPTIONS	"X"R
	-026, -052, -078 (52 total pins per bank = -D)	-02.0 = 2 mm Body Height Not available with -054 & -078 Positions)	-L = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail	-D = Single- Ended -D-DP = Differential Pair		-GP = Guide Post -K = (5.00 mm) .197" DIA Polyimide Film Pick & Place Pad	Leave blank for Tray Packaging -TR = Tape & Reel -FR = Full Reel Tape & Reel (must order maximum quantity per reel; contact Samtec for quantity breaks)
	-018, -036, -054 (18 pairs per bank = -D-DP)	-05.0 = 5 mm Body Height -07.0 = 7 mm Body Height					



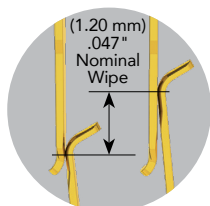
LEAD STYLE	A	B
-02	(4.81) .189	(6.12) .241
-05	(7.81) .307	(9.12) .359
-07	(9.78) .385	(11.12) .438

-GP OPTION

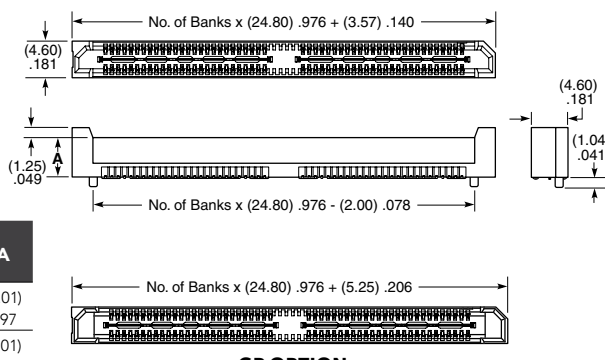
PROCESSING

View complete specifications at: samtec.com?QRM8

Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max
(018-026)
(0.15 mm) .006" max
(036-078)*
*(.004" stencil solution
may be available; contact
ipg@samtec.com)
Board Stacking:
For applications requiring
more than two connectors
contact ipg@samtec.com



QRF8	PINS PER ROW NO. OF PAIRS	LEAD STYLE	PLATING OPTION	TYPE	A	OTHER OPTIONS	"X"R
	-026, -052, -078 (52 total pins per bank = -D)	-05.0 = 5 mm Body Height -07.0 = 7 mm Body Height	-L = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail	-D = Single- Ended -D-DP = Differential Pair		-GP = Guide Post -K = (5.00 mm) .197" DIA Polyimide Film Pick & Place Pad	Leave blank for Tray Packaging -TR = Tape & Reel (Not available with -054 & -078 positions) -FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (Not available with -054 & -078 positions)
	-018, -036, -054 (18 pairs per bank = -D-DP)						



LEAD STYLE	A
-05	(5.01) .197
-07	(7.01) .276

-GP OPTION

MATED HEIGHT*			
QRF8 LEAD STYLE	QRM8 LEAD STYLE		
	-02.0	-05.0	-07.0
-05	(7.00) .276	(10.00) .394	(12.00) .472
-07	(9.00) .354	(12.00) .472	(14.00) .551

*Processing conditions will affect mated height.
See SO Series for board space tolerances.

View complete specifications at: samtec.com?QRF8