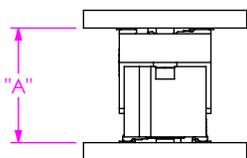


DO NOT SCALE FROM THIS PRINT

# QMS - QFS MATED VIEWS

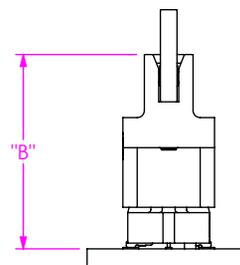
DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]

FIG 1  
QMS-D TO QFS-D



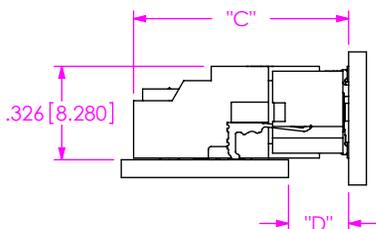
QMS-D	QFS-04.25-D		QFS-06.25-D		WIPE	
	"A" FULLY MATED	"A" MAX	"A" FULLY MATED	"A" MAX	FULLY MATED	MIN
-05.75	.394 [10.00]	.442 [11.22]	.472 [12.00]	.520 [13.22]	.063 [1.60]	.015 [0.38]
-06.75	.433 [11.00]	.481 [12.22]	.512 [13.00]	.560 [14.22]	.063 [1.60]	.015 [0.38]
-09.75	.551 [14.00]	.599 [15.21]	.630 [16.00]	.678 [17.22]	.063 [1.60]	.015 [0.38]

FIG 2  
QMS-D TO QFS-EM



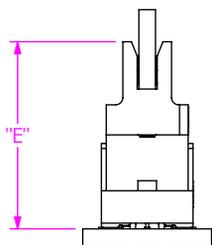
QMS-D	QFS-EM		WIPE	
	"B" FULLY MATED	"B" MAX	FULLY MATED	MIN
-05.75	.635 [16.13]	.682 [17.32]	.062 [1.57]	.015 [0.38]
-06.75	.678 [17.22]	.725 [18.42]	.062 [1.57]	.015 [0.38]
-09.75	.790 [20.07]	.837 [21.26]	.062 [1.57]	.015 [0.38]

FIG 3  
QMS-D TO QFS-RA



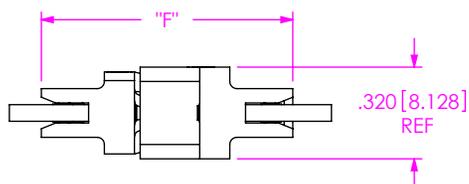
QMS-D	QFS-RA				WIPE	
	"C" FULLY MATED	"C" MAX	"D" FULLY MATED	"D" MAX	FULLY MATED	MIN
-05.75	.751 [19.08]	.794 [20.17]	.210 [5.33]	.253 [6.43]	.058 [1.47]	.015 [0.38]
-06.75	.789 [20.04]	.832 [21.13]	.248 [6.30]	.291 [7.39]	.058 [1.47]	.015 [0.38]
-09.75	.906 [23.01]	.949 [24.10]	.365 [9.27]	.408 [10.36]	.058 [1.47]	.015 [0.38]

FIG 4  
QMS-EM TO QFS-D



QFS-D	QMS-EM		WIPE	
	"E" FULLY MATED	"E" MAX	FULLY MATED	MIN
-04.25	.653 [16.59]	.698 [17.73]	.060 [1.52]	.015 [0.38]
-06.25	.731 [18.57]	.776 [19.71]	.060 [1.52]	.015 [0.38]

FIG 5  
QMS-EM TO QFS-EM



QMS	QFS-EM		WIPE	
	"F" FULLY MATED	"F" MAX	FULLY MATED	MIN
-EM	.878 [22.30]	.941 [23.90]	.078 [1.98]	.015 [0.38]

NOTES:

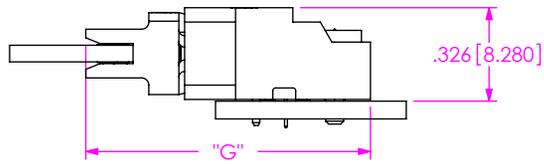
1. DRAWING ILLUSTRATES EFFECTIVE MATING RANGE OF CONNECTORS IN VARIOUS CONFIGURATIONS
2. ALTHOUGH MAX DIMENSIONS ARE LISTED SAMTEC RECOMMENDS FULLY MATING COMPONENTS.
3. ALL DIMENSIONS BASED ON NOMINAL VALUES FOR SAMTEC RECOMMENDED PCB LAYOUTS.

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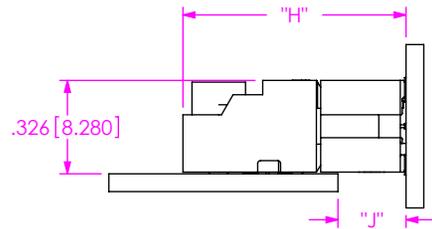
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FIG 6  
QMS-EM TO QFS-RA



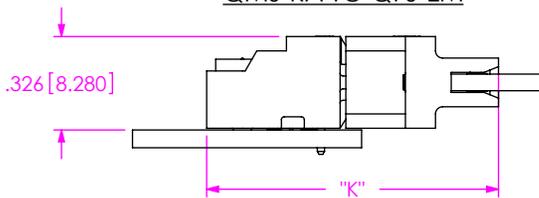
QMS	QFS-RA		WIPE	
	"G" FULLY MATED	"G" MAX	FULLY MATED	MIN
-EM	.994 [25.25]	1.041 [26.44]	.062 [1.57]	.015 [0.38]

FIG 7  
QMS-RA TO QFS-D



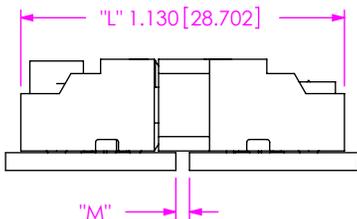
QFS-D	QMS-RA				WIPE	
	"H" FULLY MATED	"H" MAX	"J" FULLY MATED	"J" MAX	FULLY MATED	MIN
-04.25	.779 [19.79]	.814 [20.68]	.237 [6.02]	.272 [6.91]	.050 [1.27]	.015 [0.38]
-06.25	.857 [21.77]	.892 [22.66]	.316 [8.03]	.351 [8.92]	.050 [1.27]	.015 [0.38]

FIG 8  
QMS-RA TO QFS-EM



QMS	QFS-EM		WIPE	
	"K" FULLY MATED	"K" MAX	FULLY MATED	MIN
-RA	1.019 [25.88]	1.059 [26.90]	.055 [1.40]	.015 [0.38]

FIG 9  
QMS-RA TO QFS-RA



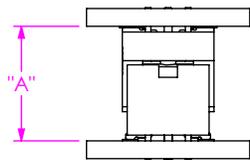
QMS	QFS-RA				SIGNAL PIN WIPE		POWER PIN WIPE, PCX OPTION ONLY	
	"L" FULLY MATED	"L" MAX	"M" FULLY MATED	"M" MAX	FULLY MATED	MIN	FULLY MATED	MIN
-RA	1.130 [28.70]	1.166 [29.62]	.048 [1.22]	.084 [2.13]	.051 [1.30]	.015 [0.38]	-	-
-RA-PCX	1.135 [28.83]	1.167 [29.64]	.053 [1.35]	.085 [2.16]	.047 [1.20]	.015 [0.38]	.054 [1.36]	.022 [0.56]

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L  
 FIG 10  
 QMS-D-RFX TO QFS-D-RFX



QMS-D-RFX	QFS-04.25-D-RFX		SIGNAL WIPE		RF WIPE	
	"A" FULLY MATED	"A" MAX	FULLY MATED	MIN	FULLY MATED	MIN
-05.75	.394 [10.00]	.439 [11.14]	.063 [1.60]	.018 [0.46]	.060 [1.52]	.015 [0.38]

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