

FIG 2
-LC: LOCKING CLIP OPTION
(QTH-060-01-X-D-LC SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

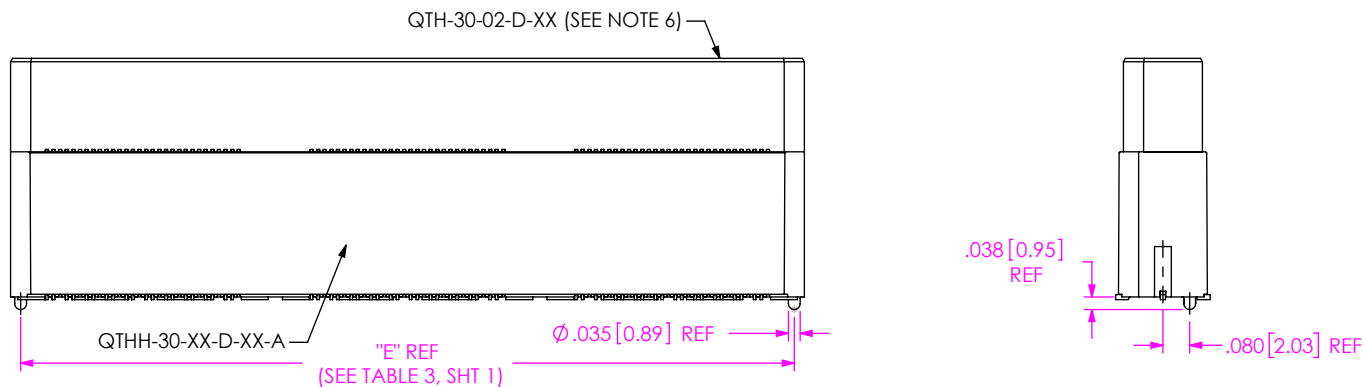


FIG 3
-A: ALIGNMENT PIN OPTION
(QTH-060-05-X-D-DP-A SHOWN)
(FOR -03 THRU -08 LEAD STYLE ONLY)
(SEE TABLE 4, SHT 3)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

No OF POS	TABLE 5							
	"R"				"S"			
	-A, -LC, -FL	-GP	-RT1	-L	-A, -LC, -FL	-GP	-RT1	-L
-020	.788 [20.00]	1.305 [33.15]	1.438 [36.53]	.906 [23.00]	.256 [6.50]	.515 [13.07]	.581 [14.76]	.315 [7.99]
-040	1.575 [40.01]	2.093 [53.15]	2.226 [56.53]	1.693 [43.00]	.650 [16.50]	.908 [23.07]	.975 [24.76]	.709 [18.00]
-060	2.363 [60.01]	2.880 [73.15]	3.013 [76.53]	2.481 [63.00]	1.043 [26.50]	1.302 [33.07]	1.369 [34.76]	1.103 [28.00]
-080	3.150 [80.01]	3.668 [93.15]	N/A	N/A	1.437 [36.50]	1.696 [43.07]	N/A	N/A
-100	3.938 [100.01]	4.455 [113.16]	N/A	N/A	1.831 [46.50]	2.090 [53.07]	N/A	N/A

TABLE 6	
STYLE	"T"
-01	.173[4.39]
-02	.291[7.39]
-03	.409[10.39]
-04	.605[15.37]
-09	.527[13.39]
-10	.566[14.39]

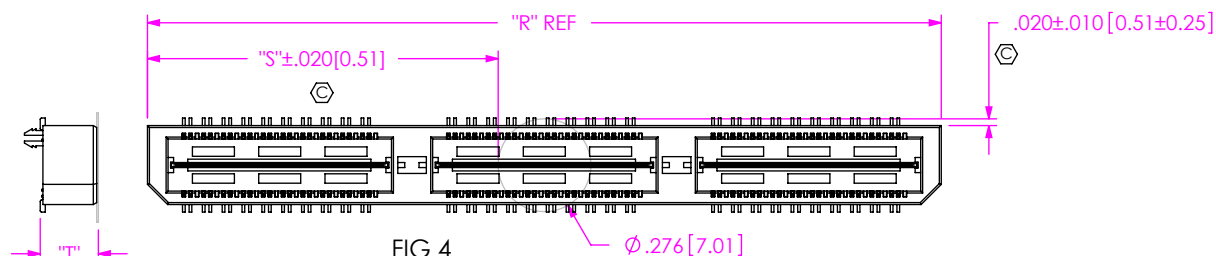


FIG 4
-K: POLYIMIDE FILM PAD OPTION
(USE K-.276-.375-.005)

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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
.5mm DIFFERENTIAL PAIRS TERMINAL ASSEMBLY

DWG. NO.
QTH-XXX-XX-X-D-DP-XXX-X-XX

BY: KEVIN B 09-14-2010 SHEET 2 OF 5

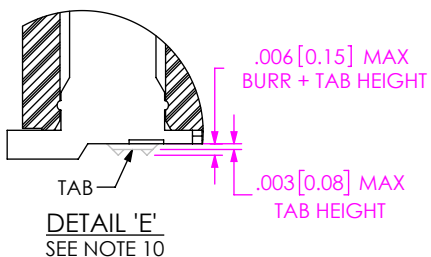


TABLE 4								
STYLE	SEE FIGURE	"C" OVERALL HEIGHT	GROUND PLANE	TERMINAL	TOP BODY (SEE NOTE 6)	BOTTOM SPACER BODY (-LC OR NONE)	BOTTOM SPACER BODY (-A)	MATED HEIGHT WITH QSH-01
-03	5	.4043 [10.269]	T-1G1-03-X	T-1S60-03-X	QTH-30-02-D-XX	QTHH-30-01-D-XX	QTHH-30-01-D-XX-A	.433 [11.00] REF
-04	5	.6001 [15.243]	T-1G1-04-X	T-1S60-04-X	QTH-30-02-D-XX	QTHH-30-01-D-XX	QTHH-30-01-D-XX-A	.630 [16.00] REF
-05	6	.7181 [18.240]	T-1G1-05-X	T-1S60-05-X	QTH-30-02-D-XX	QTHH-30-03-D-XX	QTHH-30-03-D-XX-A	.748 [19.00] REF
-06	6	.8361 [21.237]	T-1G1-06-X	T-1S60-06-X	QTH-30-02-D-XX	QTHH-30-03-D-XX	QTHH-30-03-D-XX-A	.866 [22.00] REF
-07	7	.9542 [24.237]	T-1G17-01-X	T-1S61-21-X	QTH-30-02-D-XX	QTHH-30-04-D-XX	QTHH-30-04-D-XX-A	.984 [24.99] REF
-08	7	1.1511 [29.238]	T-1G17-02-X	T-1S61-22-X	QTH-30-02-D-XX	QTHH-30-04-D-XX	QTHH-30-04-D-XX-A	1.181 [30.00] REF
-09	5	.5224 [13.269]	T-1G1-09-X	T-1S60-09-X	QTH-30-02-D-XX	QTHH-30-01-D-XX	QTHH-30-01-D-XX-A	.551 [14.00] REF
-10	5	.5618 [14.270]	T-1G1-10-X	T-1S60-10-X	QTH-30-02-D-XX	QTHH-30-01-D-XX	QTHH-30-01-D-XX-A	.591 [15.01] REF

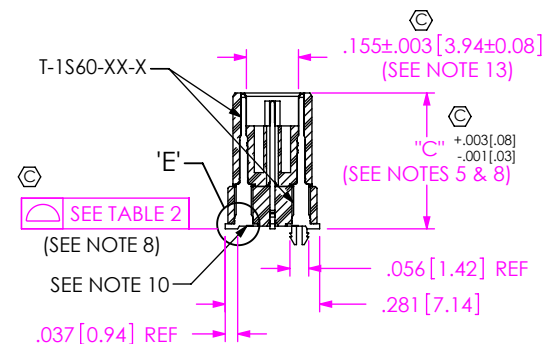
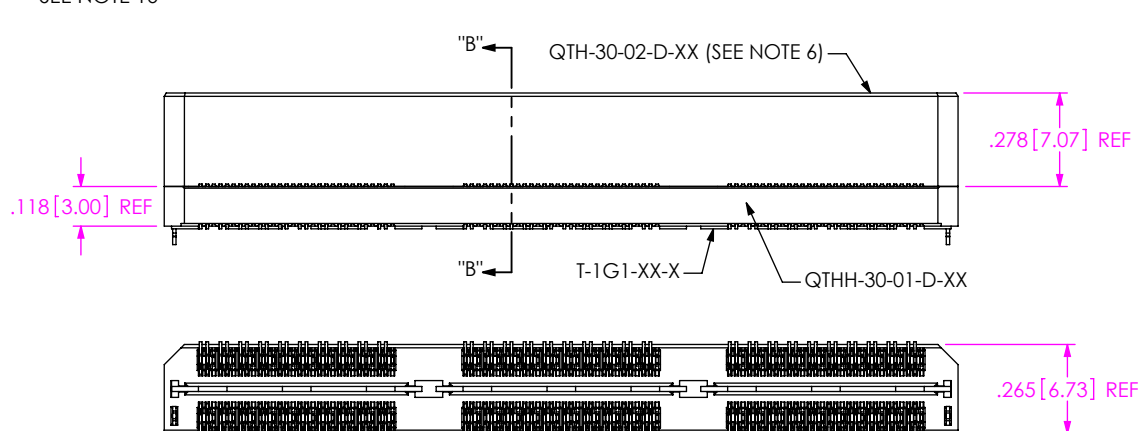
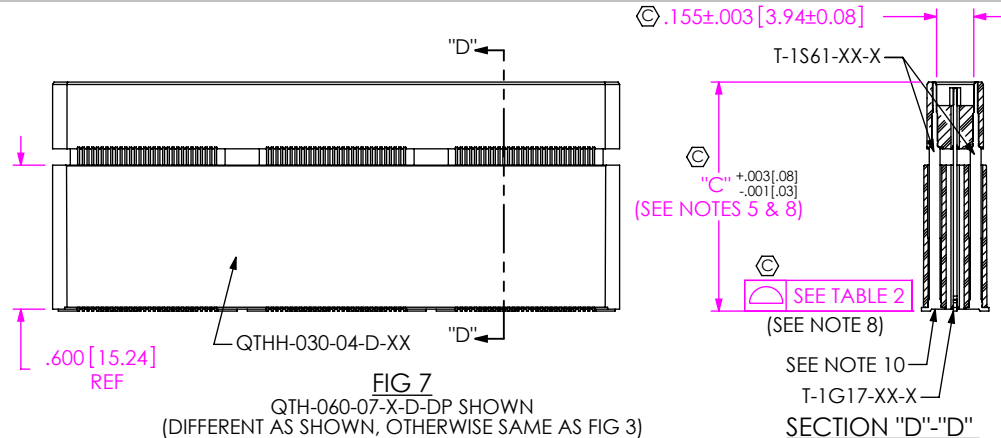
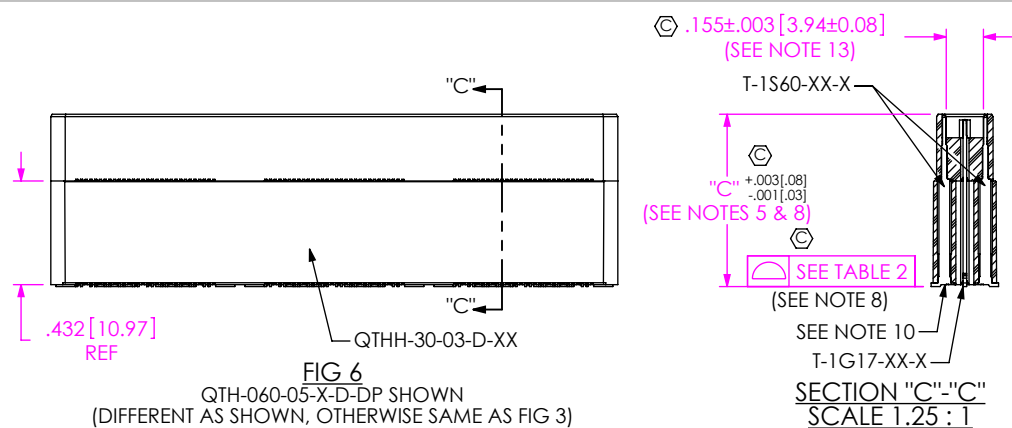


FIG 5
QTH-060-03-X-D-DP-LC SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



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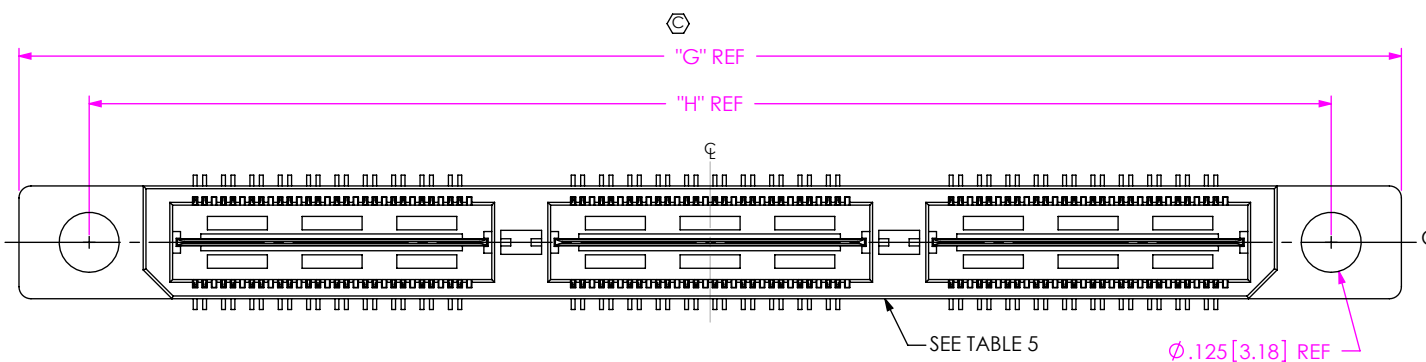


FIG 8
-GP: GUIDE POST OPTION
(QTH-060-01-X-D-DP-GP SHOWN)
(FOR -01 & -02 LEAD STYLE ONLY)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

TABLE 8		
No OF POS	"G"	"H"
-020	1.305 [33.15]	1.013 [25.73]
-040	2.093 [53.15]	1.801 [45.73]
-060	2.880 [73.15]	2.588 [65.74]
-080	3.668 [93.15]	3.376 [85.74]
-100	4.455 [113.16]	4.163 [105.74]

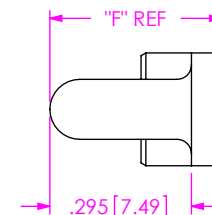


TABLE 7		
STYLE	"F"	BODY
-01	.3630 [9.220]	QTH-30-01-D-XX-X-GP
*-02	.4811 [12.220]	QTH-30-02-D-XX-X-GP

(* = NOT ENGINEERING APPROVED)

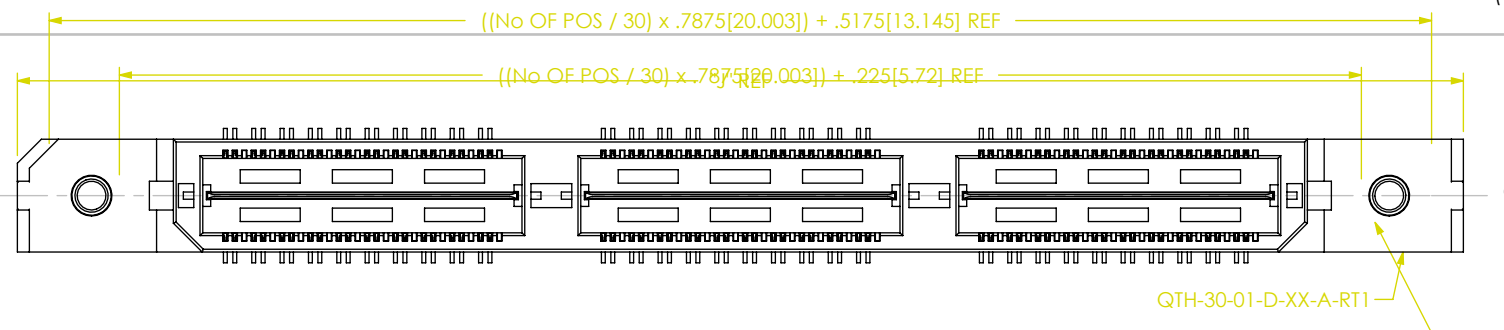


TABLE 9		
No OF POS	"J"	"K"
-020	1.438 [36.53]	1.129 [28.68]
-040	2.226 [56.53]	1.917 [48.68]
-060	3.013 [76.53]	2.704 [68.68]
-080	N/A	N/A
-100	N/A	N/A

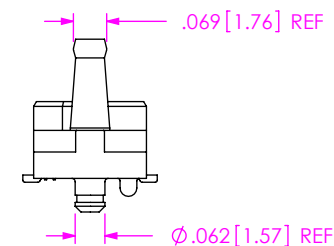
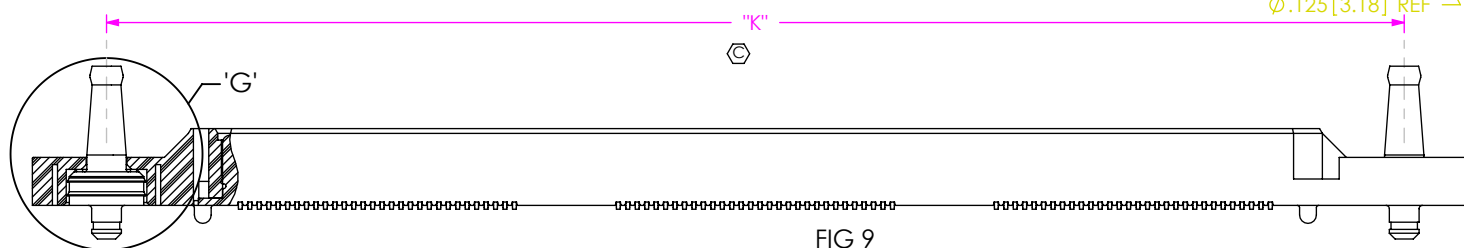
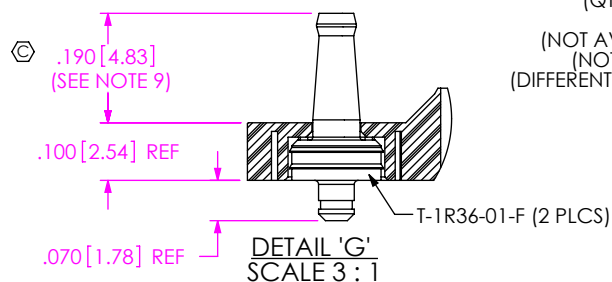


FIG 9
-RT1: RETENTION OPTION
(QTH-060-01-X-D-DP-A-RT1 SHOWN)
(FOR -01 LEAD STYLE ONLY)
(NOT AVAILABLE WITH -LC OR -GP OPTIONS)
(NOT AVAILABLE ON -080 & -100 POS)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

F:\DWG\MISC\MKTG\QTH-XXX-XX-X-D-DP-XXX-X-XX-MKT.SLDRW



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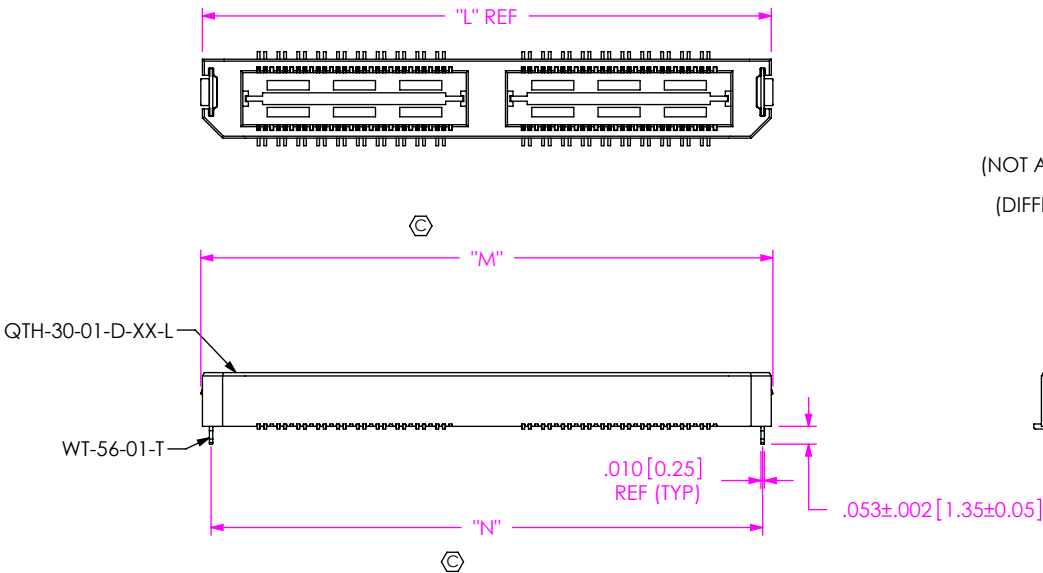


FIG 10
-L: LATCHING OPTION
(QTH-040-01-X-DP-L SHOWN)
(AVAILABLE ON -01 LEAD STYLE ONLY)
(NOT AVAILABLE WITH -LC, -GP, -FL, OR -RT1 OPTIONS)
(40 POS MAX)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

TABLE 10			
No OF POS	"L"	"M"	"N"
-020	.906 [23.01]	.915 [23.24]	.854 [21.69]
-040	1.694 [43.01]	1.703 [43.24]	1.642 [41.69]
*-060	2.481 [63.02]	2.490 [63.25]	2.429 [61.70]
-080	N/A	N/A	N/A
-100	N/A	N/A	N/A

* = NOT RELEASED

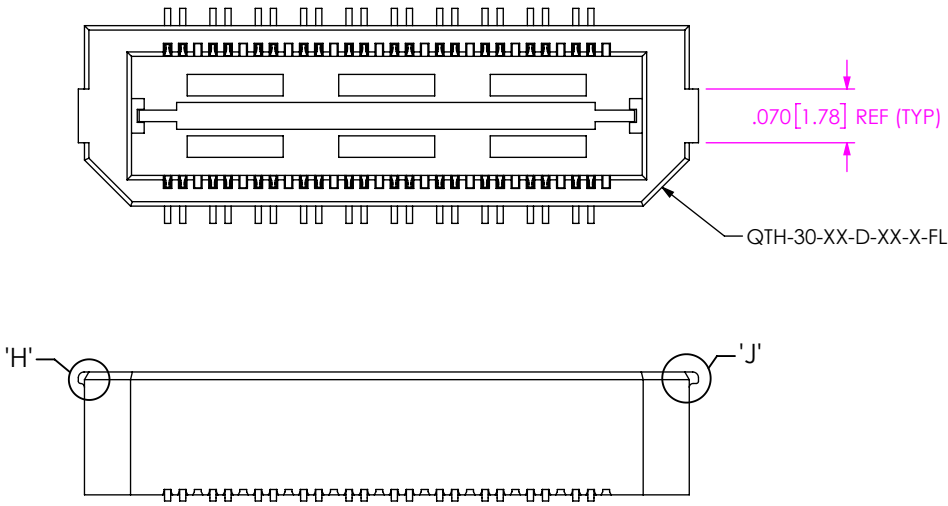
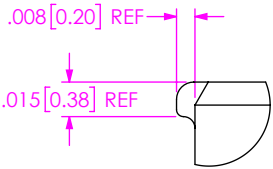
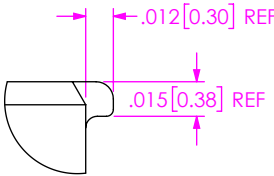


FIG 11
-FL: FRICTION LOCKS
(NOT AVAILABLE WITH -GP OPTION)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



DETAIL 'H'
SCALE 12:1



DETAIL 'J'
SCALE 12:1

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