FIG 1

QMS-032-05.75-XX-D-DP-A-PC4 DESIGN SHOWN

-A: ALIGNMENT PIN OPTION

-PXX: POWER COMBO OPTION
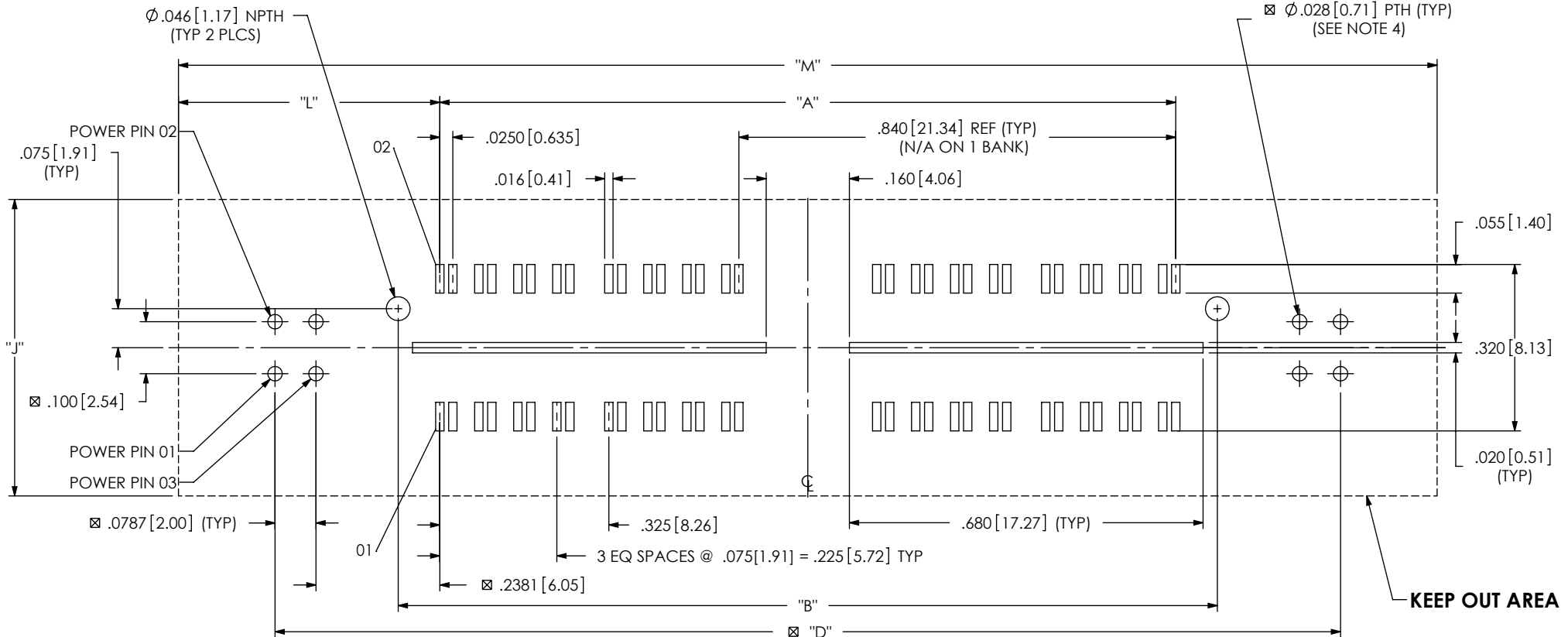
⊠ ∅.028 [0.71] PTH (TYP)
(SEE NOTE 4)

∅.046 [1.17] NPTH
(TYP 2 PLCS)

"M"

"L"

"A"

POWER PIN 02

.0250 [0.635]

.840 [21.34] REF (TYP)
(N/A ON 1 BANK)

02

.075 [1.91]
(TYP)

.016 [0.41]

.160 [4.06]

.055 [1.40]

"J"

⊠ .100 [2.54]

.320 [8.13]

POWER PIN 01

POWER PIN 03

.020 [0.51]
(TYP)

⊠ .0787 [2.00] (TYP)

.325 [8.26]

.680 [17.27] (TYP)

KEEP OUT AREA

01

3 EQ SPACES @ .075 [1.91] = .225 [5.72] TYP

⊠ .2381 [6.05]

"B"

⊠ "D"

TABLE 1

No OF POS PER ROW	OPTIONS	"A"	"B"	No OF BANKS	"D" ⊠	"J"	"L"	"M"
-016	-PX4	0.575 [14.61]	.735 [18.67]	1	1.209 [30.71]	.570 [14.48]	.518 [13.16]	1.610 [40.89]
	-PX8				1.524 [38.71]		.675 [17.14]	1.925 [48.89]
	BLANK				------		.248 [6.30]	1.070 [27.18]
-032	-PX4	1.415 [35.94]	1.575 [40.01]	2	2.049 [52.04]	.570 [14.48]	.518 [13.16]	2.450 [62.23]
	-PX8				2.364 [60.05]		.675 [17.14]	2.765 [70.23]
	BLANK				------		.248 [6.30]	1.910 [48.51]
-048	-PX4	2.255 [57.28]	2.415 [61.34]	3	2.889 [73.38]	.570 [14.48]	.518 [13.16]	3.290 [83.57]
	-PX8				3.204 [81.38]		.675 [17.14]	3.605 [91.57]
	BLANK				------		.248 [6.30]	2.750 [69.85]
-064	----	3.095 [78.61]	3.255 [82.68]	4	------	.570 [14.48]	------	------
	----				------		------	------
	BLANK				------		.248 [6.30]	3.590 [91.19]
* -080	----	3.935 [99.95]	4.095 [104.01]	5	------	.570 [14.48]	------	------
	----				------		------	------
	BLANK				------		.248 [6.30]	4.430 [112.52]

* = NOT TOOLED

⊠ = REQUIRED ON -PXX OPTIONS ONLY

NOTES:

1. ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.
2. NOTE DELETED.
3. DESIGNED IN ENGLISH.
4. TO BE SOLDERED USING PASTE-IN-HOLE TECHNOLOGY.
J 5. FOR -SD/-DS OPTIONS, PLEASE REFER TO THE "XQXX WITH SCREW-DOWN OPTIONS" APPLICATION DRAWING.

J FIG 2
QMS-032-XX.XX-XX-D-DP-X-RF1 DESIGN SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(SEE TABLE 3)

"N"

"P"

Ø.033[0.84] PTH (TYP)
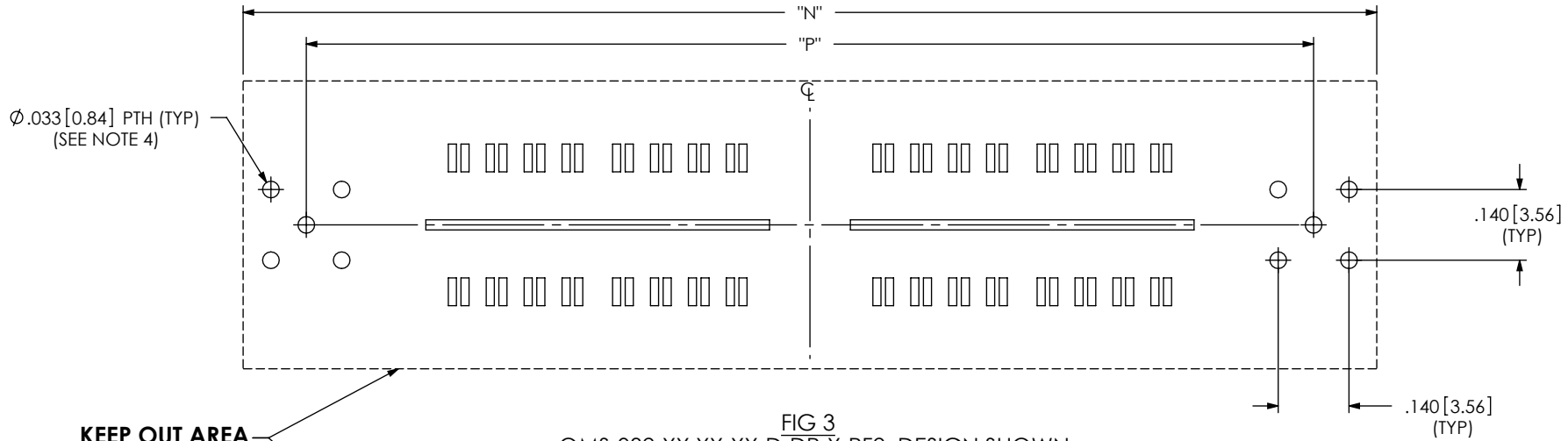(SEE NOTE 4)

.140[3.56]
(TYP)

.140[3.56]
(TYP)

KEEP OUT AREA

FIG 3
QMS-032-XX.XX-XX-D-DP-X-RF2 DESIGN SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(SEE TABLE 3)

.250[6.35]
(TYP)

"P"

"N"

TABLE 3		
ASSEMBLY	"N"	"P"
QMS-016-05.75-XX-D-DP-X-RF1	1.425[36.20]	1.153[29.29]
QMS-016-05.75-XX-D-DP-X-RF2	1.925[48.90]	1.653[41.99]
QMS-032-05.75-XX-D-DP-X-RF1	2.265[57.53]	1.993[50.62]
QMS-032-05.75-XX-D-DP-X-RF2	2.765[70.23]	2.493[63.32]
QMS-048-05.75-XX-D-DP-X-RF1	3.105[78.87]	2.833[71.96]
QMS-048-05.75-XX-D-DP-X-RF2	3.605[91.57]	3.333[84.66]

F:\dwg\MISC\Mktg\Footprnt\QMS-XXX-XX.XX-XX-D-DP-X-XXX-XX-FOOTPRINT.SLDDRW

FIG 4
QMS-032-XX.XX-XX-D-DP-X-RT1 DESIGN SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(SEE TABLE 4)

∅.068 [1.73] PTH (TYP)
(SEE NOTE 4)

RT01

∅.150 [3.81]
KEEP OUT AREA
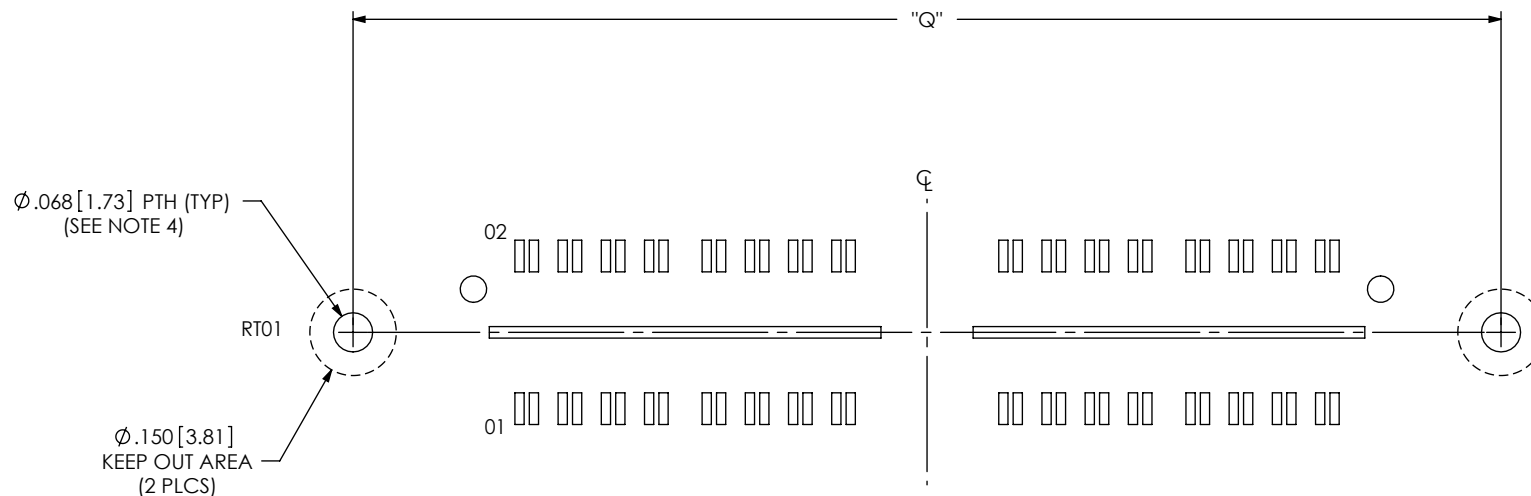(2 PLCS)

"Q"

02

01

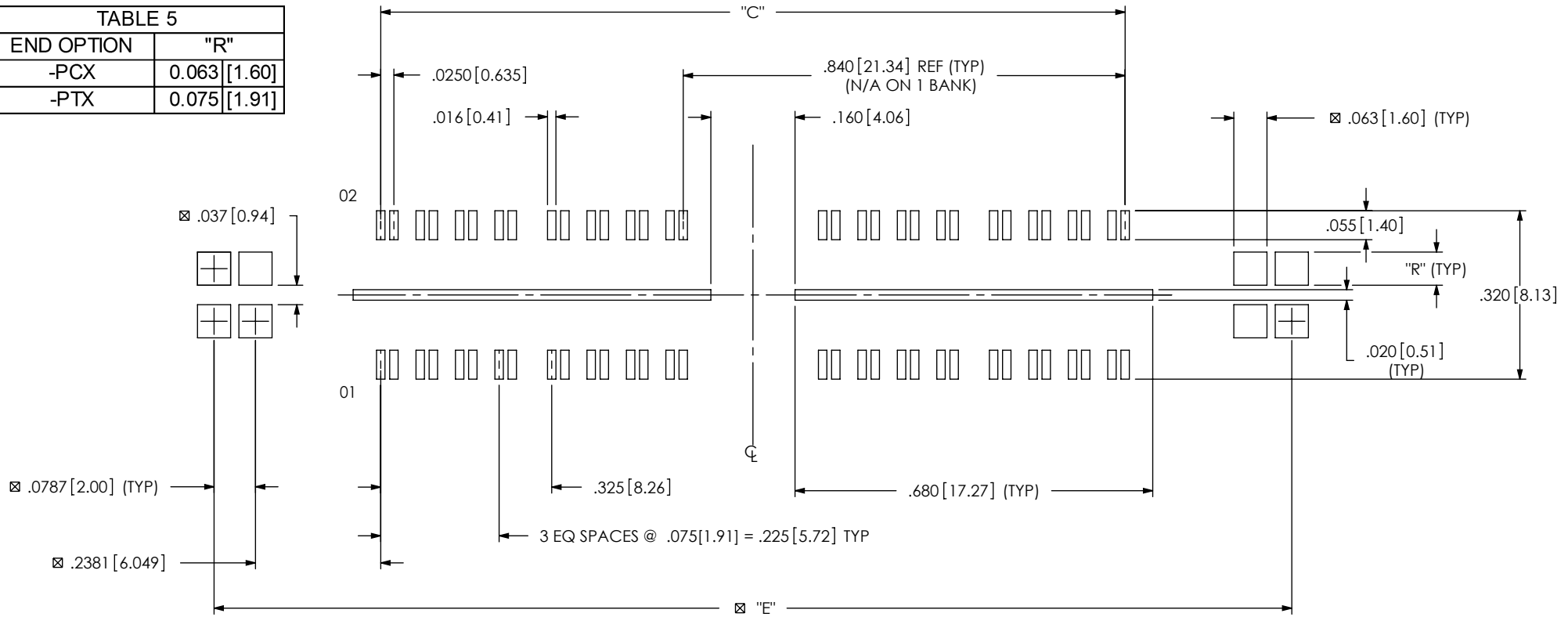| TABLE 4	
ASSEMBLY	"Q"
QMS-016-05.75-XX-D-DP-X-RT1	1.153 [29.29]
QMS-032-05.75-XX-D-DP-X-RT1	1.993 [50.62]
QMS-048-05.75-XX-D-DP-X-RT1	2.833 [71.96]
QMS-064-05.75-XX-D-DP-X-RT1	3.673 [93.29]

F:\dwg\MISC\Mktg\Footprnt\QMS-XXX-XX.XX-XX-D-DP-X-XXX-XX-FOOTPRINT.SLDDRW

FIG 5
QMS-032-XX.XX-XX-D-DP-X-PC4 STENCIL DESIGN SHOWN

TABLE 5	
END OPTION	"R"
-PCX	0.063 [1.60]
-PTX	0.075 [1.91]

"C"

.0250 [0.635]

.840 [21.34] REF (TYP)
(N/A ON 1 BANK)

.016 [0.41]

.160 [4.06]

⊠ .063 [1.60] (TYP)

02

⊠ .037 [0.94]

.055 [1.40]

"R" (TYP)

.320 [8.13]

01

.020 [0.51]
(TYP)

⊠ .0787 [2.00] (TYP)

.325 [8.26]

.680 [17.27] (TYP)

⊠ .2381 [6.049]

3 EQ SPACES @ .075[1.91] = .225 [5.72] TYP

⊠ "E"

⊠ = REQUIRED ONLY ON -PXX OPTION

TABLE 2				
No OF POS PER ROW	-PXX	"C"	No OF BANKS	"E"
-016	-PX4	0.575[14.61]	1	1.209[30.71]
	-PX8			1.524[38.71]
-032	-PX4	1.415[35.94]	2	2.049[52.04]
	-PX8			2.364[60.05]
-048	-PX4	2.255[57.28]	3	2.889[73.38]
	-PX8			3.204[81.38]
-064	----	3.095[78.61]	4	----
	----			----
* -080	----	3.935[99.95]	5	----
	----			----

* = NOT TOOLED

NOTES:

1. ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.
2. NOTE DELETED.
3. DESIGNED IN ENGLISH.
4. STENCIL TO BE .0060[0.152] THICK.

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FIG 6
QMS-032-XX.XX-XX-D-DP-X-RF1 STENCIL DESIGN SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 5)
(SEE TABLE 3, SHT 2)

"P"

Ø.085 [2.16]
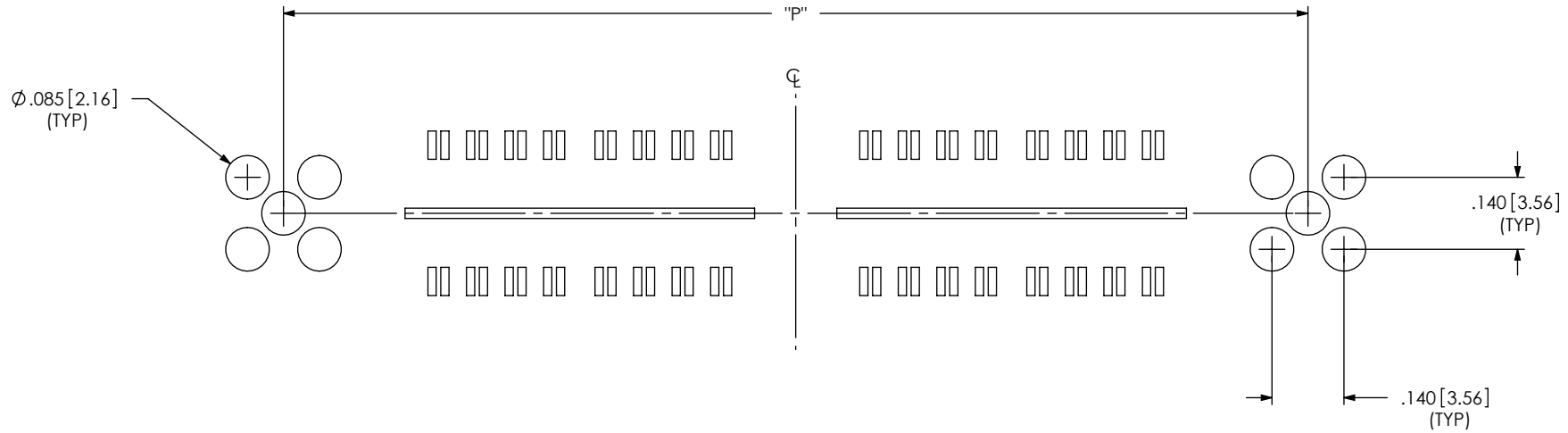(TYP)

.140 [3.56]
(TYP)

.140 [3.56]
(TYP)

FIG 7
QMS-032-XX.XX-XX-D-DP-X-RF2 STENCIL DESIGN SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 5)
(SEE TABLE 3, SHT 2)

.250 [6.35]
(TYP)
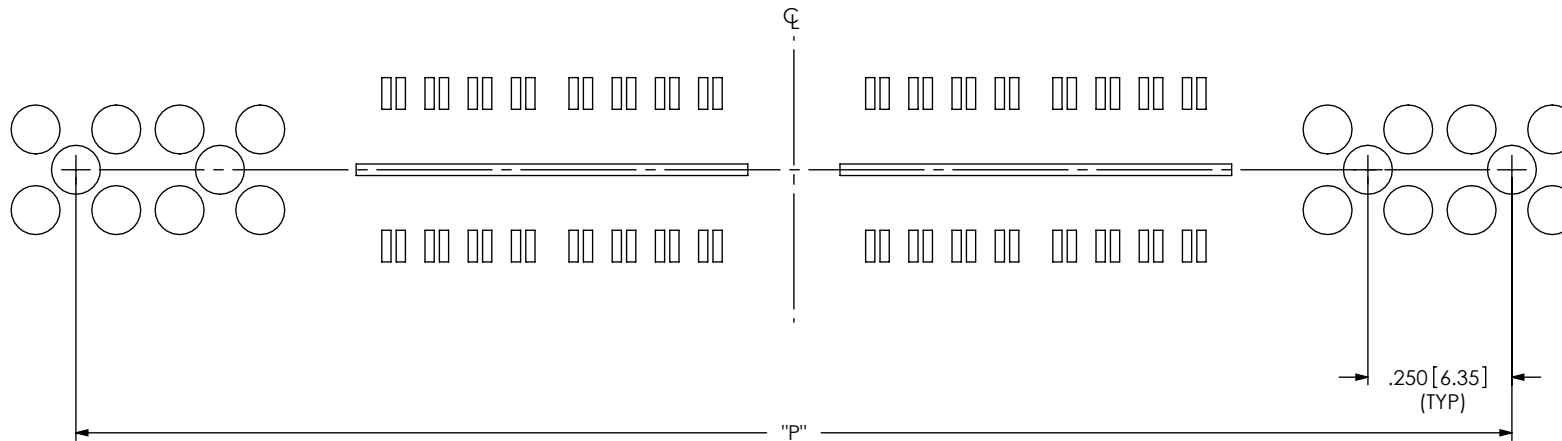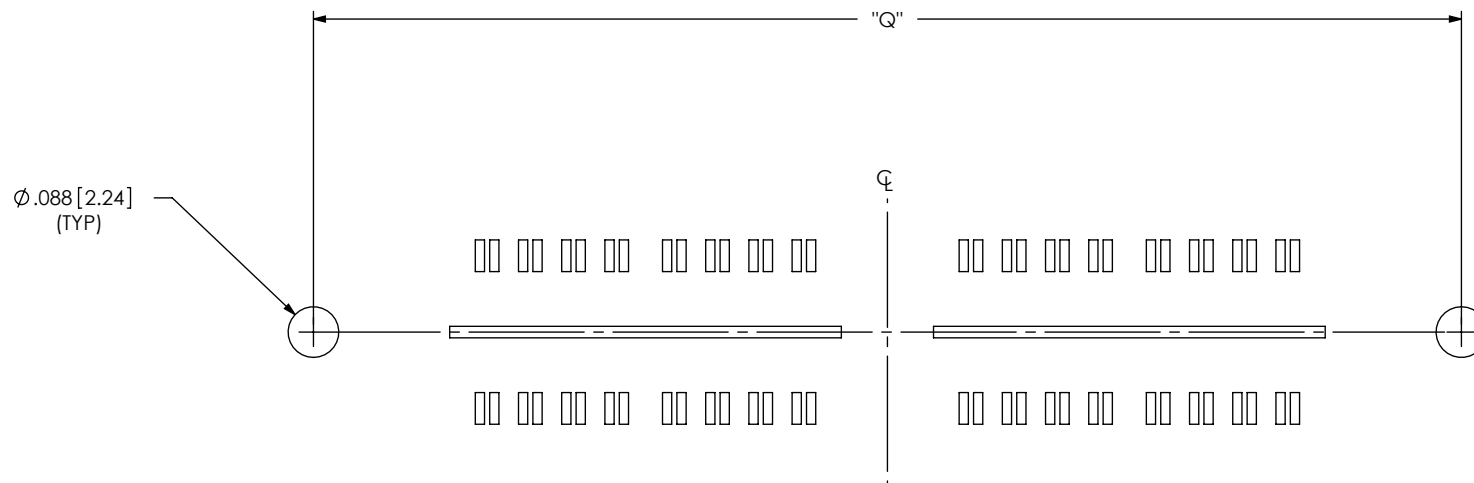
"P"

F:\dwg\MISC\Mktg\Footprnt\QMS-XXX-XX.XX-XX-D-DP-X-XXX-XX-FOOTPRINT.SLDDRW

FIG 8
QMS-032-XX.XX-XX-D-DP-X-RT1 STENCIL DESIGN SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 5)
(SEE TABLE 3, SHT 2)

"Q"

C_L

$\varnothing$ .088 [2.24]
(TYP)

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733   FAX: 812-948-5047
e-Mail info@SAMTEC.com   code 55322

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