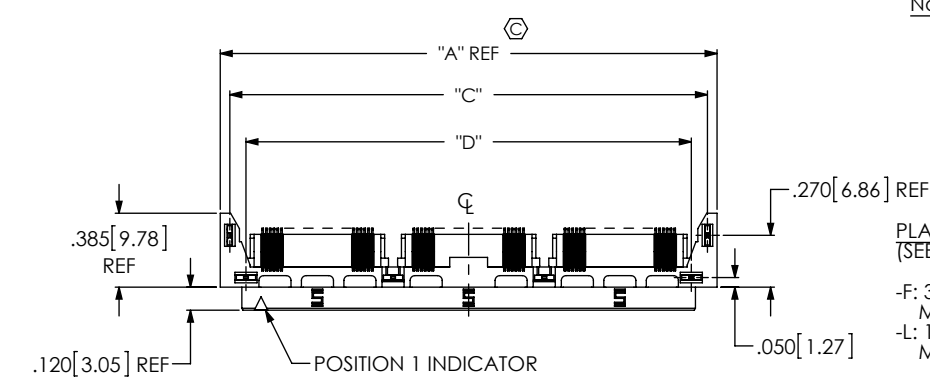


DO NOT SCALE FROM THIS PRINT

QTH-XXX-XX-X-D-RA-XXX



No OF POSITIONS (PER ROW)
-030, -060, -090

LEAD STYLE
-01
(SEE NOTE 12)

PLATING SPECIFICATION
(SEE SHEET 2, TABLE 4)

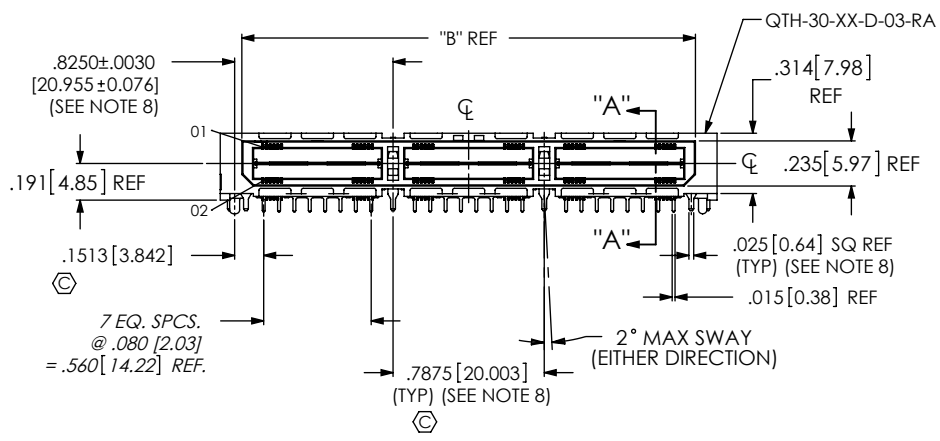
-F: 3μ" SELECTIVE GOLD ON CONTACT AREA, MATTE TIN ON TAIL
-L: 10μ" SELECTIVE GOLD ON CONTACT AREA, MATTE TIN ON TAIL

OPTION
-PGP: PLASTIC GUIDE POSTS (SEE FIG 3, SHT 5)
*-MGP: METAL GUIDE POSTS (SEE FIG 2, SHT 5)
-K: KAPTON DOT (SEE FIG 5, SHT 6) (USE K-DOT-.276-.375-.005)
*-LS1: LOCKING SCREW (SEE FIG 4, SHT 6) (FOR MATING WITH QSH-...-RA-..LS1)

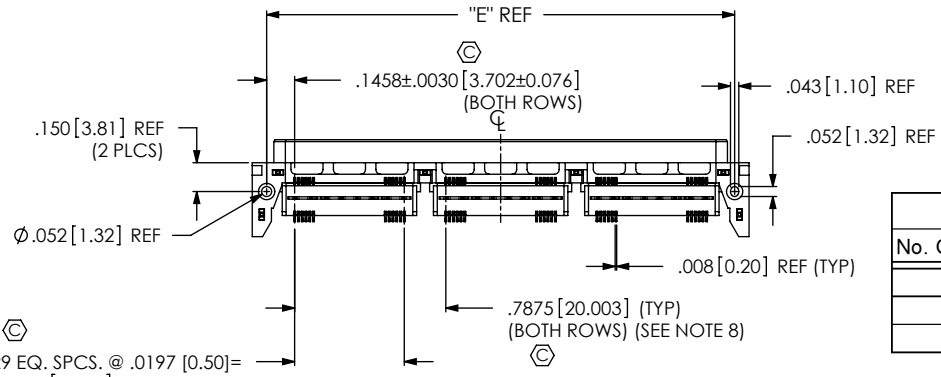
-RA: RIGHT ANGLE

ROW SPECIFICATION
-D: DOUBLE

* = NOT TOOLED



7 EQ. SPCS.
@ .080 [2.03]
= .560 [14.22] REF.



29 EQ. SPCS. @ .0197 [0.50] = .571 [14.50] (BOTH ROWS)

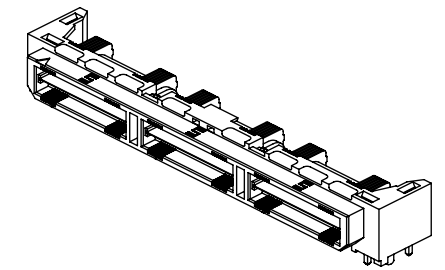
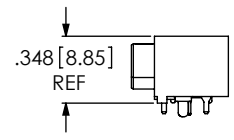


FIG 1
(QTH-090-XXX-D-RA SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

No. OF POS	"A"	"B"	"C"	"D"	"E"
-30	1.013 [25.72]	.787 [20.00]	.913 [23.18]	.745 [18.91]	.862 [21.89]
-60	1.800 [45.72]	1.575 [40.01]	1.700 [43.18]	1.532 [38.91]	1.650 [41.91]
-90	2.588 [65.72]	2.363 [60.01]	2.488 [63.18]	2.320 [58.92]	2.437 [61.90]

NOTES:

- ⊕ REPRESENTS A CRITICAL DIMENSION.
- BURR ALLOWANCE: .0010 MAX.
- MINIMUM PUSHOUT FORCE: SIGNAL: 6 OZ. GROUND PLANE & WELD TABS: 1.0 LB.
- IF NEEDED, -L PLATING CAN BE SUBSTITUTED FOR -F PLATING.
- MAX TORQUE ON STS-02 TO BE 20 IN-OZ. USE DRIVER COMPATIBLE WITH 61P TORX HEAD.
- TIPS OF TERMINALS MAY NOT EXTEND BEYOND THIS SURFACE.
- ASSEMBLIES TO BE PACKAGED IN TRAYS.
- CENTER WELD TABS ARE NOT AVAILABLE ON -030 POSITION.
- USE -Z- DATUM ZONE ONLY FOR MEASUREMENTS.
- DIMENSION TO BE MEASURED ON BOTH ENDS OF THE PART.
- SEE APPLICABLE IN-PROCESS VIEW FOR INSPECTION ORIENTATION.
- DESIGNED FOR USE WITH A .062 OR .093 PCB.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 [0.3] 2°
.XXX: ±.005 [0.13]
.XXXX: ±.0020 [0.051]

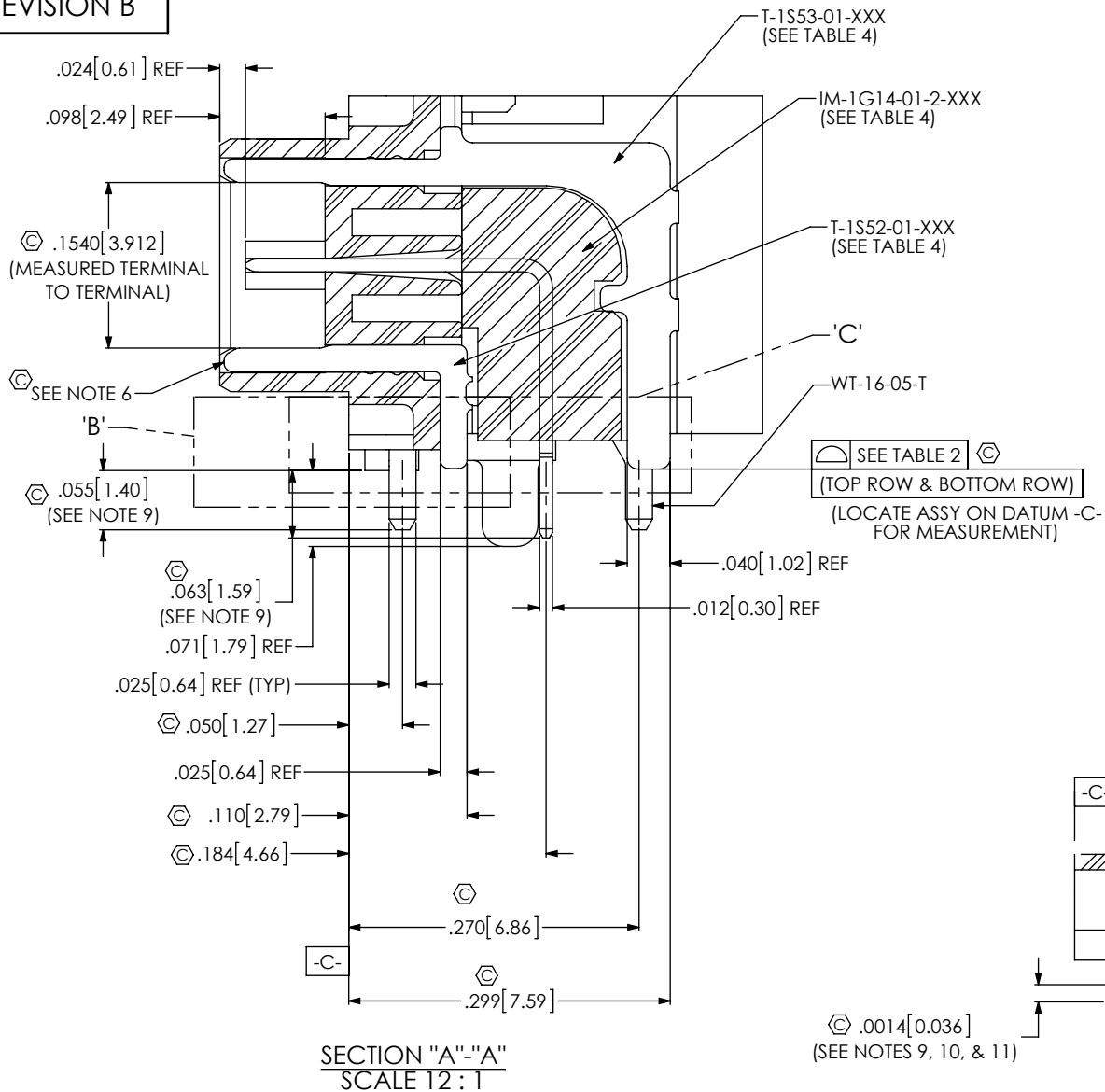
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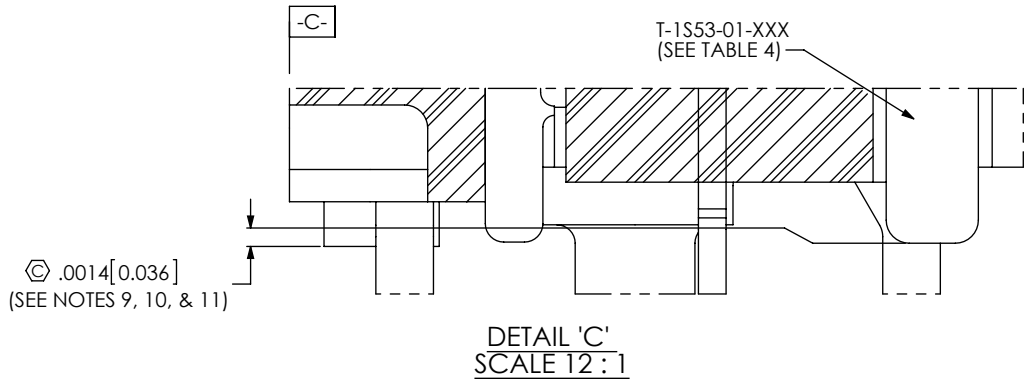
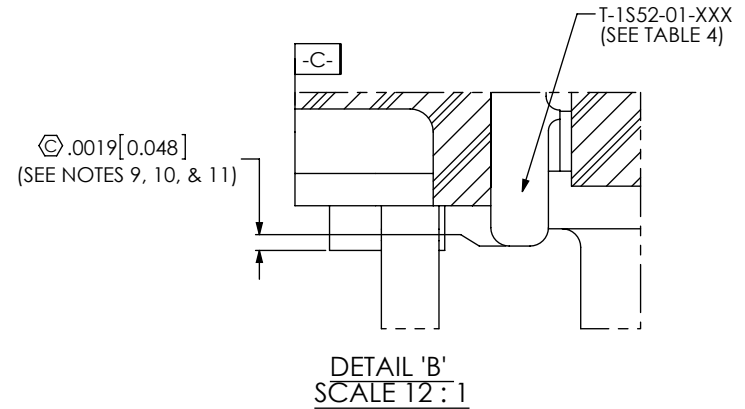
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:1
INSULATOR: LCP UL94V-0, COLOR: BLACK
TERMINAL, GROUND PLANE & WELD TAB: PHOS BRONZE

DESCRIPTION:
.50mm DOUBLE ROW RIGHT ANGLE TERMINAL STRIP
DWG. NO.
QTH-XXX-XX-X-D-RA-XXX

REVISION B



No OF POSITIONS	COPLANARITY	STRAIGHTNESS ROW 1	STRAIGHTNESS ROW 1
-030 THRU -090	.004[0.10]	.004[0.10]	.004[0.10]



SECTION "A"-"A"
SCALE 12:1

DETAIL 'B'
SCALE 12:1

DETAIL 'C'
SCALE 12:1


TABLE 4: PLATING SPECIFICATIONS

	T-1S52-01-X CONTACT	T-1S53-01-X CONTACT	IM-1G14-01-2-X GROUND PLANE	WT-16-05-T WELD TAB	WT-74-01-T METAL GUIDE POST
-F	3 - 5µ" MIN. FLASH GOLD ON CONTACT, MATTE TIN TAIL	3 - 5µ" MIN. FLASH GOLD ON CONTACT, MATTE TIN TAIL	3µ" MIN. FLASH GOLD ON CONTACT, MATTE TIN TAIL	MATTE TIN	MATTE TIN
-L	10µ" MIN. LIGHT GOLD ON CONTACT, MATTE TIN TAIL	10µ" MIN. LIGHT GOLD ON CONTACT, MATTE TIN TAIL	10µ" MIN. LIGHT GOLD ON CONTACT, MATTE TIN TAIL	MATTE TIN	MATTE TIN

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SHEET SCALE: 6:1

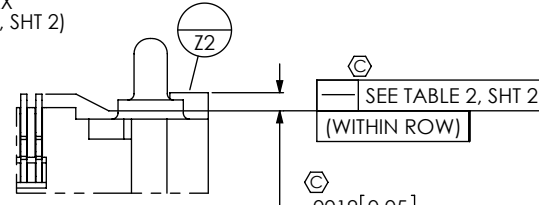
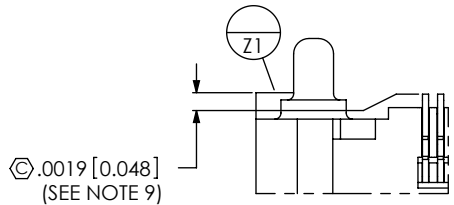
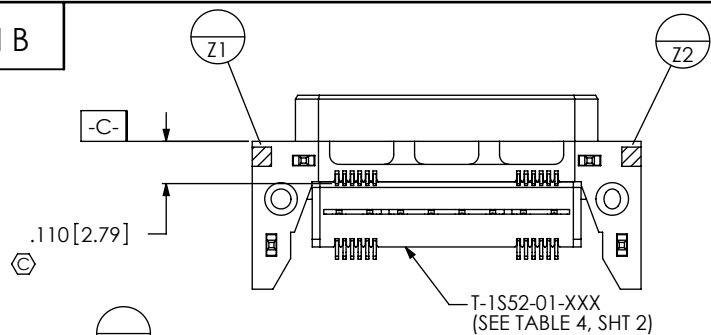


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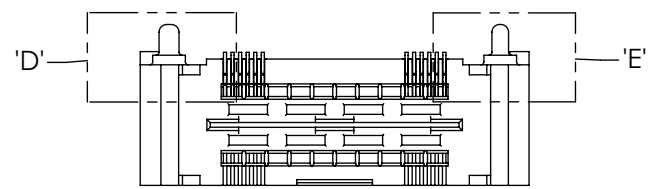
DWG. NO.
 QTH-XXX-XX-X-D-RA-XXX

BY: DUKES Z 02/13/2010 SHEET 2 OF 6

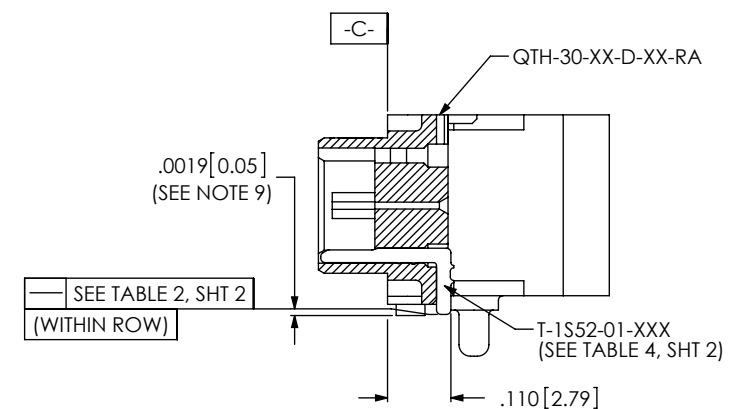


DETAIL 'D'
SCALE 4:1

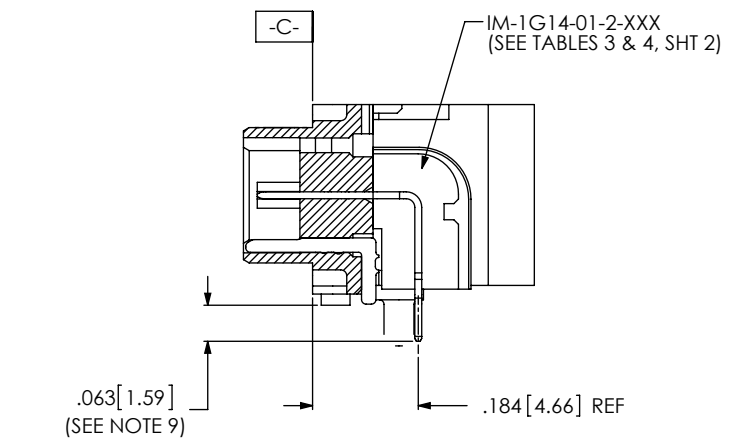
DETAIL 'E'
SCALE 4:1



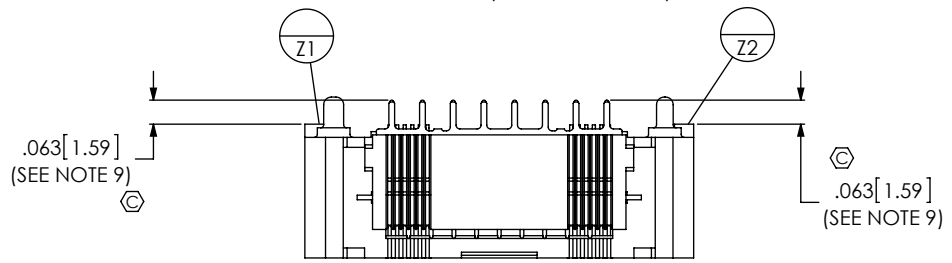
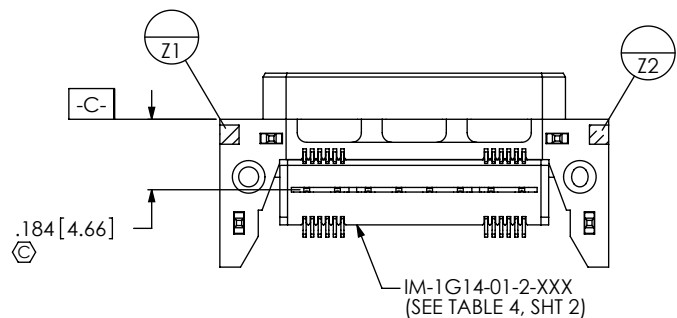
INSPECTION VIEW 1
(FILL BOTTOM ROW)



IN-PROCESS 1
(FILL BOTTOM ROW)
(SEE INSPECTION VIEW 1 FOR ORIENTATION AND CPC'S)



IN-PROCESS 2
(FILL IM-TG14)
(SEE INSPECTION VIEW 2 FOR ORIENTATION AND CPC'S)



INSPECTION VIEW 2
(FILL IM-TG14)

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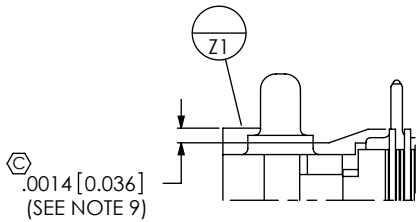
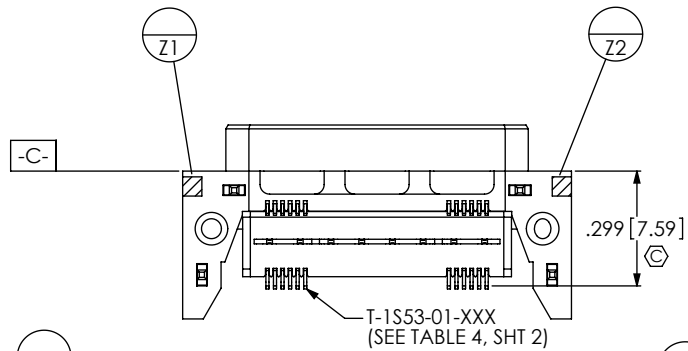
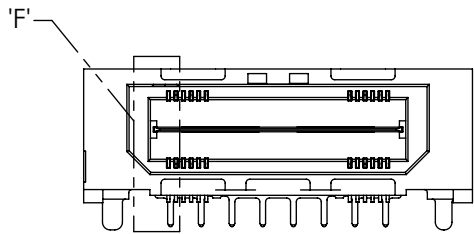


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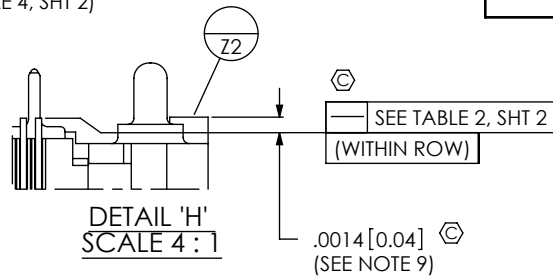
DESCRIPTION:
.50mm DOUBLE ROW RIGHT ANGLE TERMINAL STRIP

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

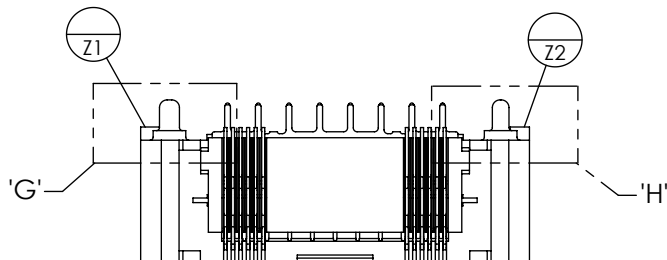
BY: DUKES Z 02/13/2010 SHEET 3 OF 6



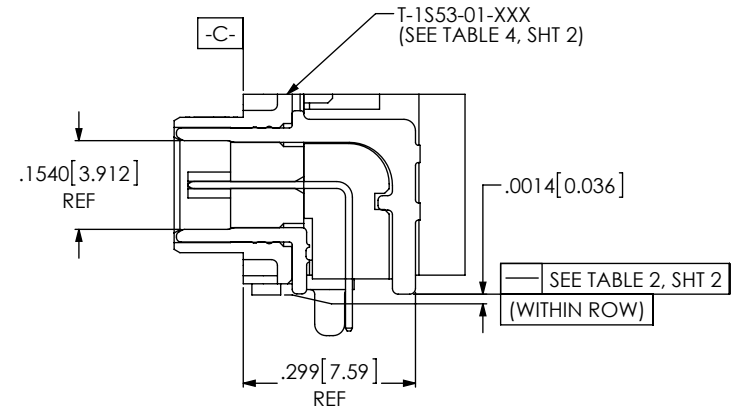
DETAIL 'G'
SCALE 4 : 1



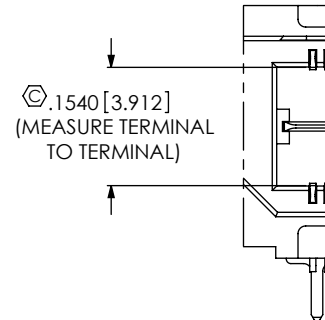
DETAIL 'H'
SCALE 4 : 1



INSPECTION VIEW 3
(FILL TOP ROW)



IN-PROCESS 3
(FILL TOP ROW)
(SEE INSPECTION VIEW 3 FOR ORIENTATION AND CPC'S)



DETAIL 'F'
SCALE 4 : 1

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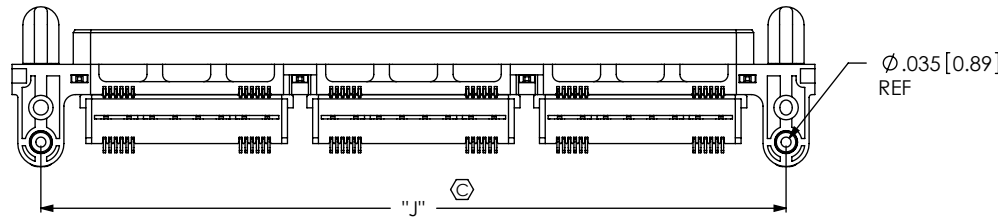
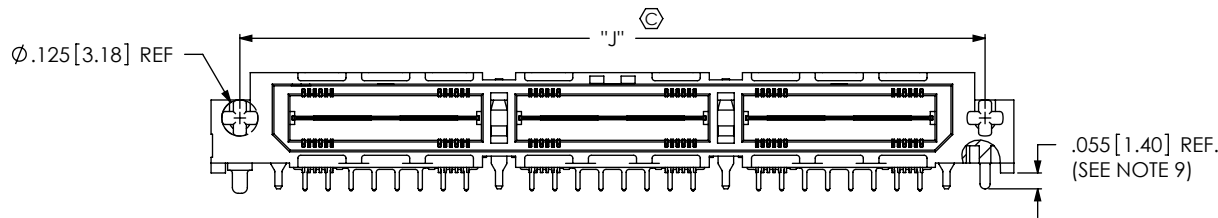
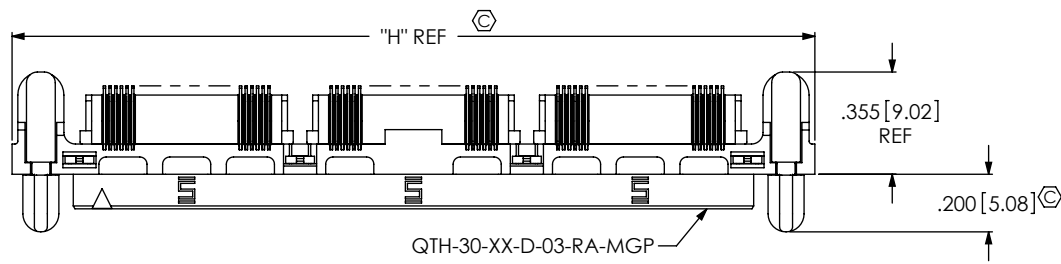


TABLE 5		
NO OF POS	"H"	"J"
-30	1.213 [30.80]	1.013 [25.72]
-60	2.000 [50.80]	1.800 [45.72]
-90	2.788 [70.80]	2.588 [65.72]

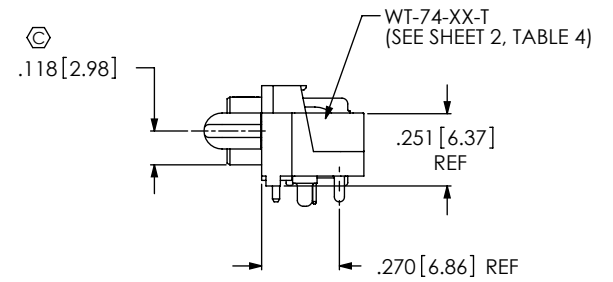


FIG 2
QTH-090-01-XXX-D-RA-MGP SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)
(NOT TOOLED)

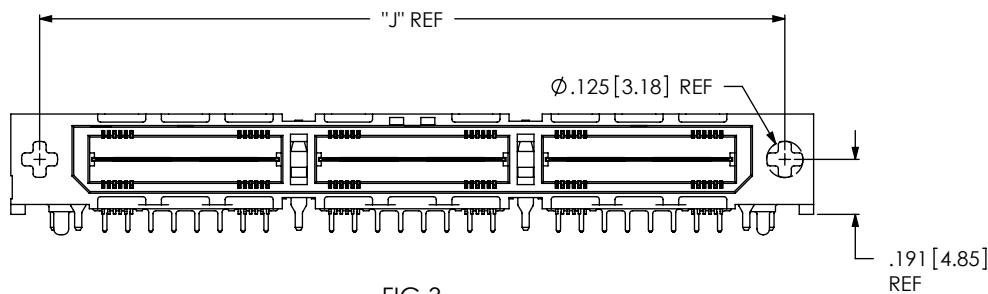
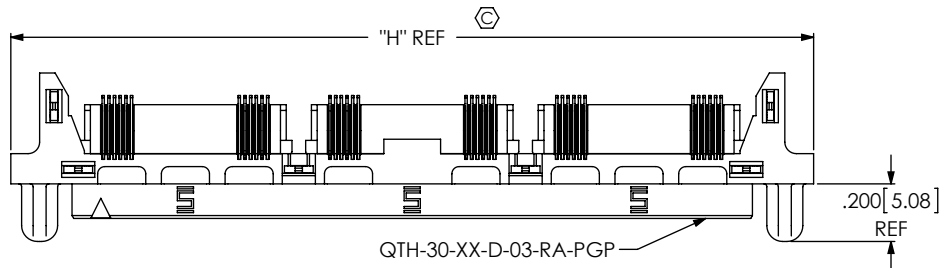


FIG 3
QTH-090-01-XXX-D-RA-PGP SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

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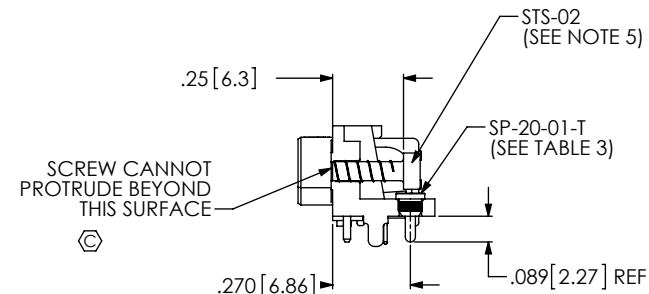
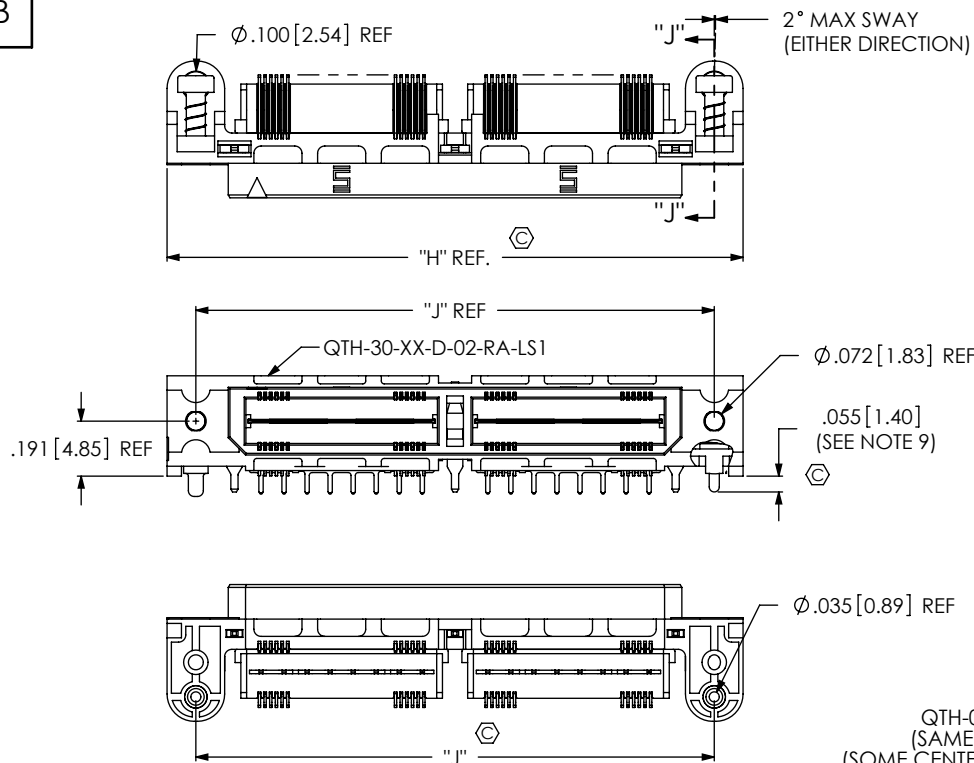


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SECTION "J"-"J"

FIG 4
QTH-060-01-XXX-D-RA-LS1 SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)
(NOT TOOLED)

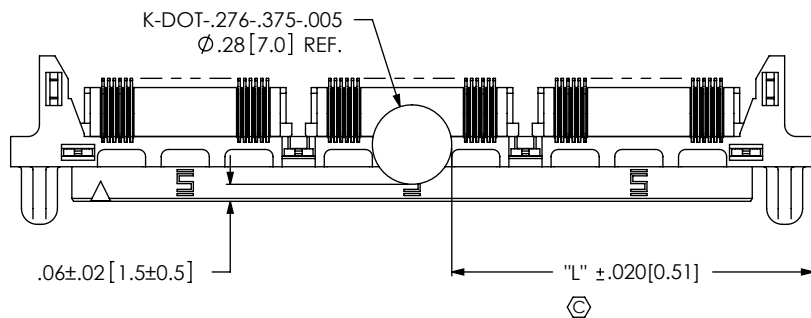


FIG 5
QTH-090-01-XXX-D-RA-PGP-K SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

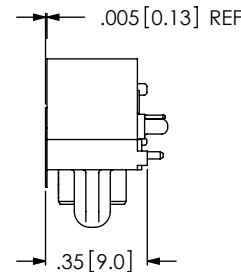


TABLE 7		
NO OF POS	"L"	
	*-MGP & -PGP & *-LS1	NO GUIDE POSTS
-30	.469 [11.91]	.369 [9.37]
-60	.862 [21.89]	.762 [19.35]
-90	1.256 [31.90]	1.156 [29.36]

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