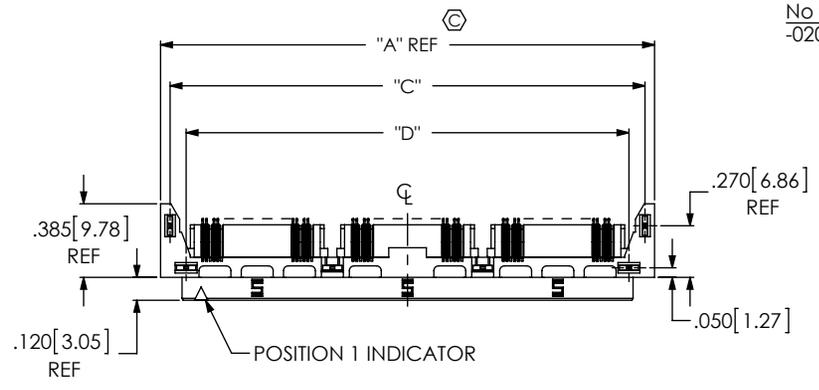


DO NOT SCALE FROM THIS PRINT

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



No OF POSITIONS (PER ROW)
-020, -040, -060

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

-DP: DIFFERENTIAL PAIRS

ROW SPECIFICATION
-D: DOUBLE

* = NOT TOOLED

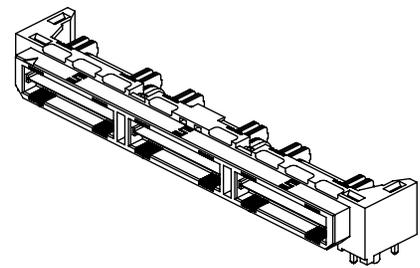
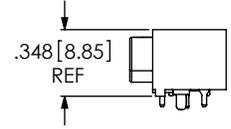
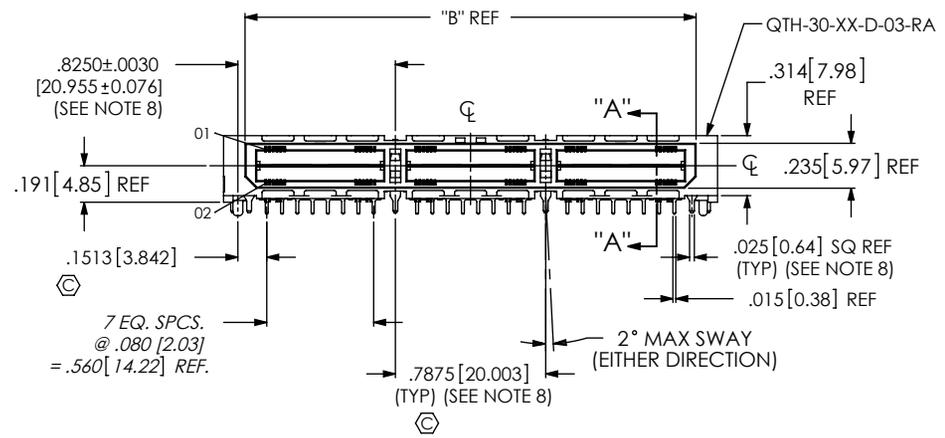


FIG 1
QTH-060-01-X-D-DP-RA SHOWN (SOME CENTER FEATURES REMOVED FOR CLARITY)

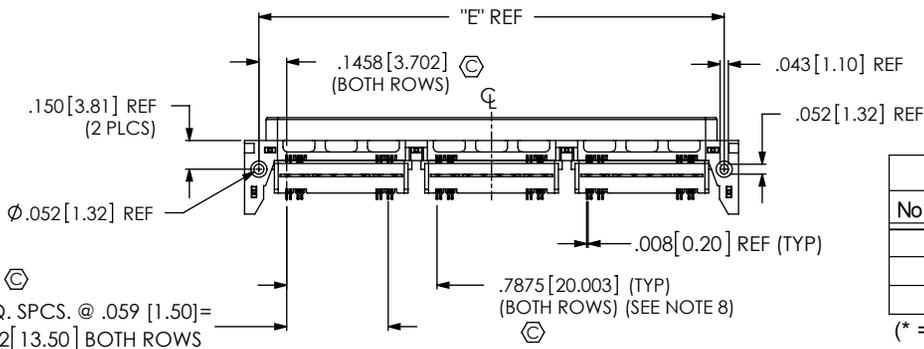


TABLE 1

No. OF POS	"A"	"B"	"C"	"D"	"E"
-20	1.013 [25.72]	.788 [20.00]	.913 [23.18]	.745 [18.91]	.863 [21.91]
-40	1.800 [45.72]	1.575 [40.01]	1.700 [43.18]	1.532 [38.91]	1.650 [41.91]
-60	2.588 [65.72]	2.363 [60.01]	2.488 [63.18]	2.320 [58.92]	2.438 [61.91]

(* = NOT TOOLED)

- NOTES:
1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
 2. BURR ALLOWANCE: .0010 MAX.
 3. MINIMUM PUSHOUT FORCE: SIGNAL: 0.5 LB. GROUND PLANE & WELD TABS: 1.0 LB.
 4. IF NEEDED, -L PLATING CAN BE SUBSTITUTED FOR -F PLATING.
 5. MAX TORQUE ON STS-02 TO BE 20 IN-OZ. USE DRIVER COMPATIBLE WITH 61P TORX HEAD.
 6. TIPS OF TERMINALS MAY NOT EXTEND BEYOND THIS SURFACE.
 7. ASSEMBLIES TO BE PACKAGED IN TRAYS.
 8. CENTER WELD TABS ARE NOT AVAILABLE ON -020 POSITION.
 9. USE -Z- DATUM ZONE ONLY FOR MEASUREMENTS.
 10. DIMENSION TO BE MEASURED ON BOTH ENDS OF THE PART.
 11. SEE APPLICABLE IN-PROCESS VIEW FOR INSPECTION ORIENTATION.
 12. 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]	

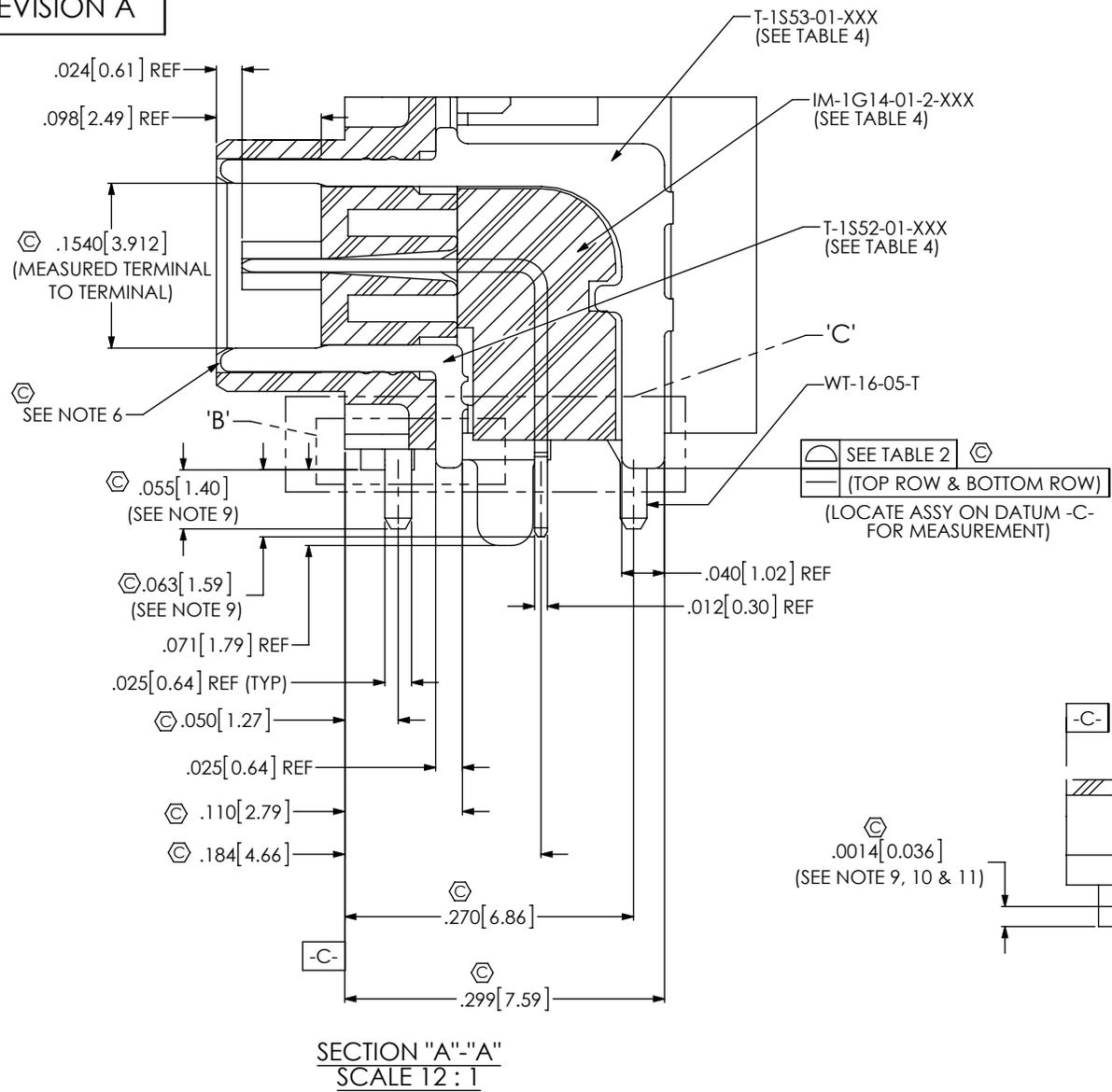
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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:1
INSULATOR: LCP UL94V-0, COLOR: BLACK
TERMINAL, GROUND PLANE & WELD TAB: PHOS BRONZE

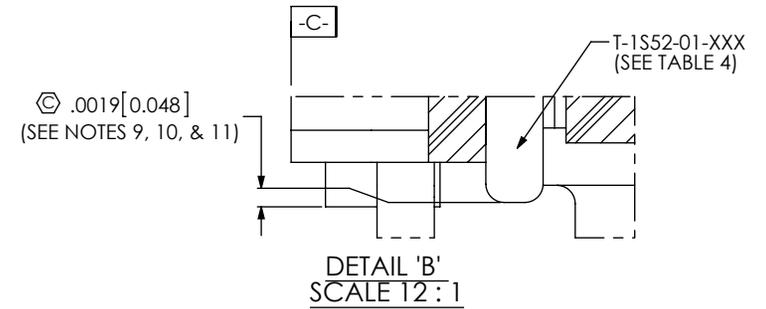
DESCRIPTION:
.50mm DOUBLE ROW RIGHT ANGLE TERMINAL STRIP
DWG. NO.

QTH-XXX-XX-X-D-DP-RA-XXX
BY: G PURVIS 11/18/2013 SHEET 1 OF 6

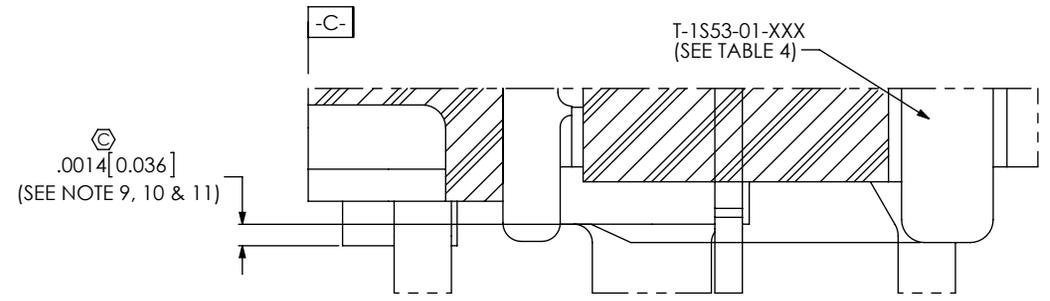


SECTION "A"-"A"
SCALE 12:1

TABLE 2			
No OF POSITIONS	COPLANARITY	STRAIGHTNESS ROW 1	STRAIGHTNESS ROW 1
-020 THRU -060	.004[0.10]	.004[0.10]	.004[0.10]



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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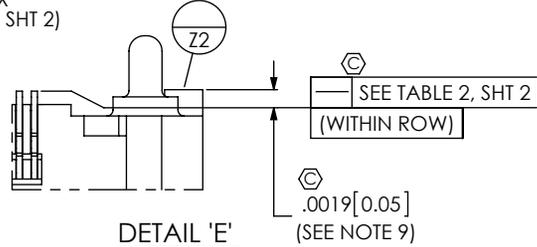
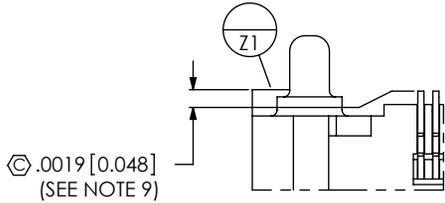
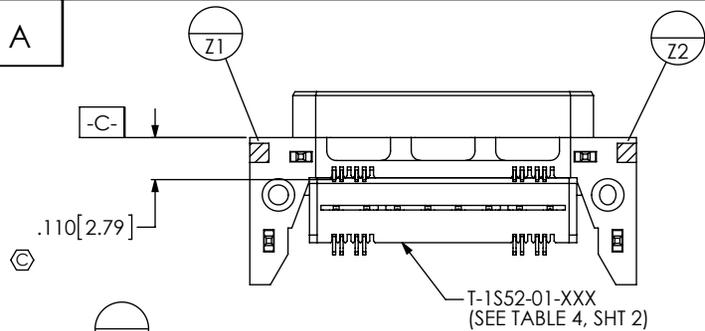
DO NOT SCALE DRAWING

SHEET SCALE: 6:1

DESCRIPTION:
.50mm DOUBLE ROW RIGHT ANGLE TERMINAL STRIP

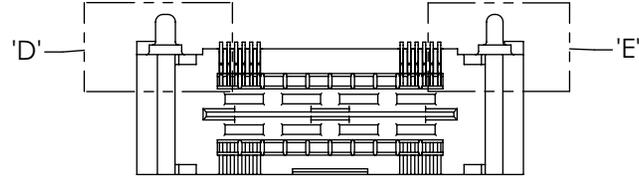
DWG. NO.
QTH-XXX-XX-X-D-DP-RA-XXX

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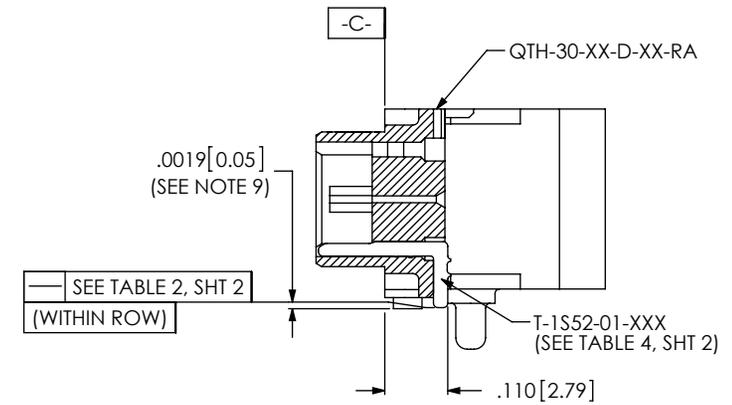


DETAIL 'D'
SCALE 4:1

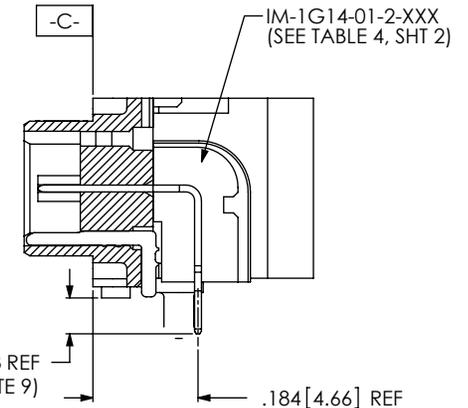
DETAIL 'E'
SCALE 4:1



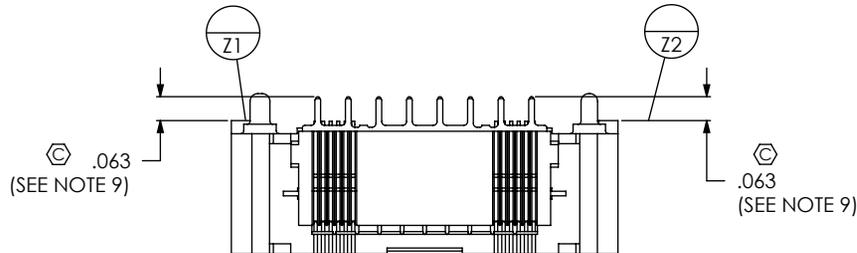
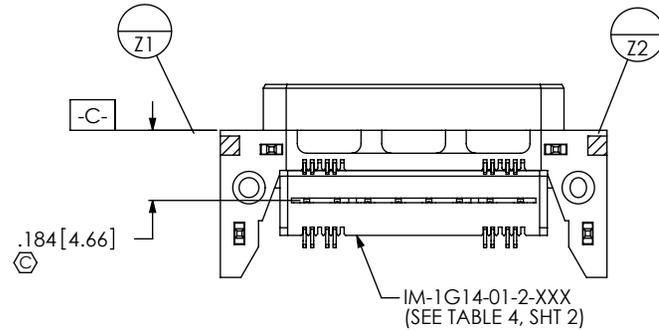
INSPECTION VIEW 1
(FILL BOTTOM ROW)



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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SHEET SCALE: 6:1

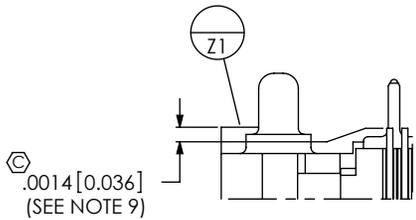
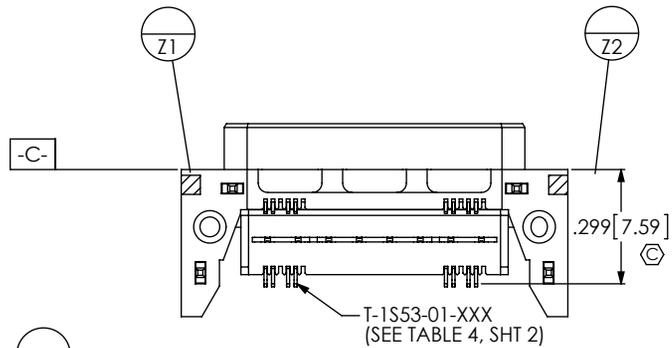
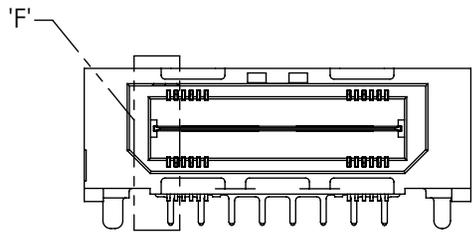


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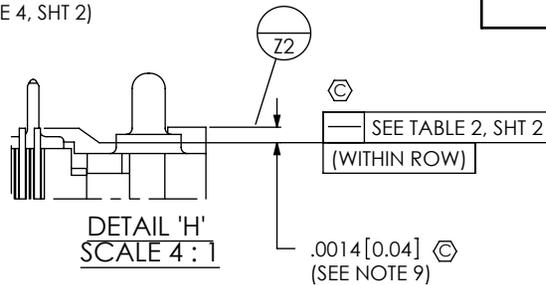
DESCRIPTION:
.50mm DOUBLE ROW RIGHT ANGLE TERMINAL STRIP

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

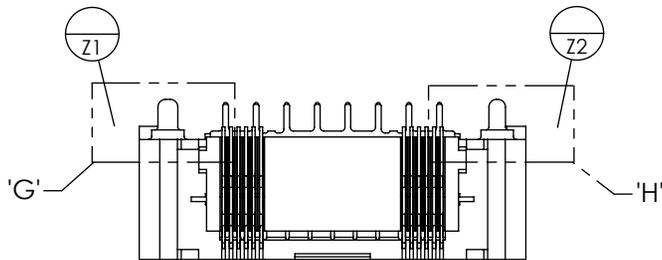
BY: G PURVIS 11/18/2013 SHEET 3 OF 6



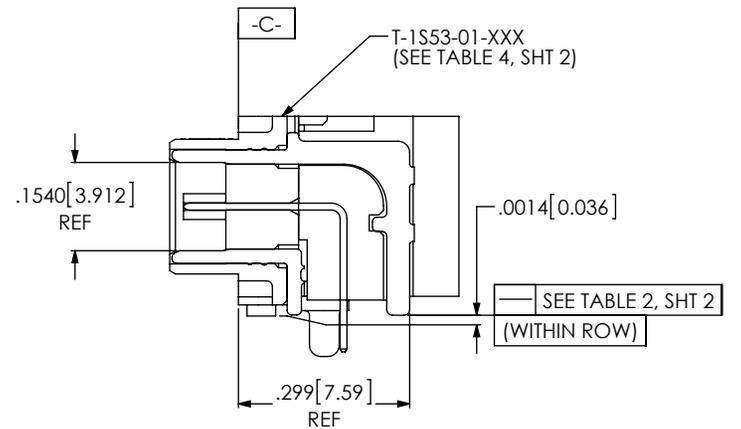
DETAIL 'G'
SCALE 4 : 1



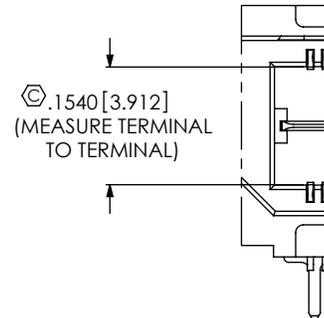
DETAIL 'H'
SCALE 4 : 1



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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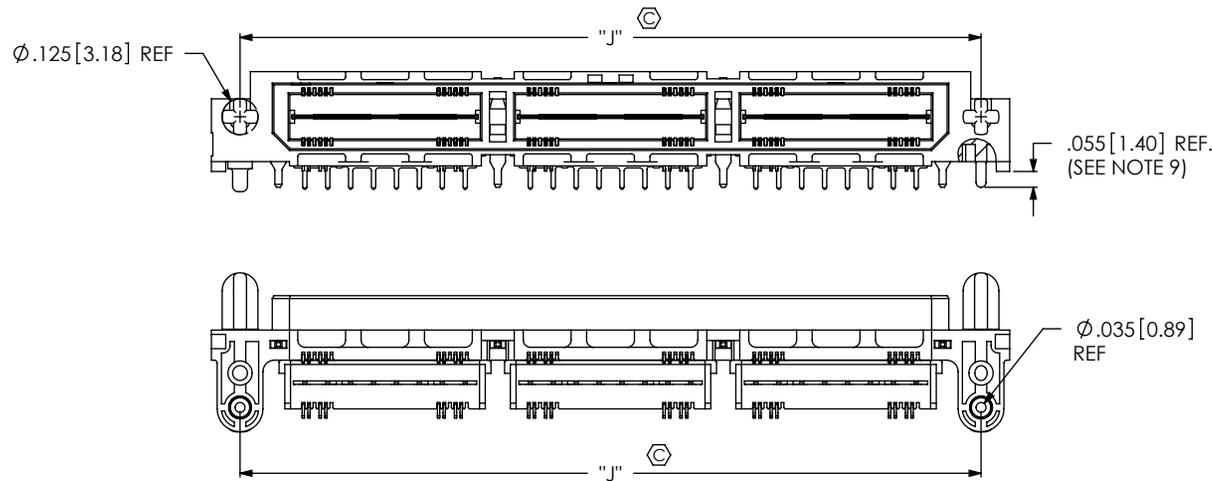
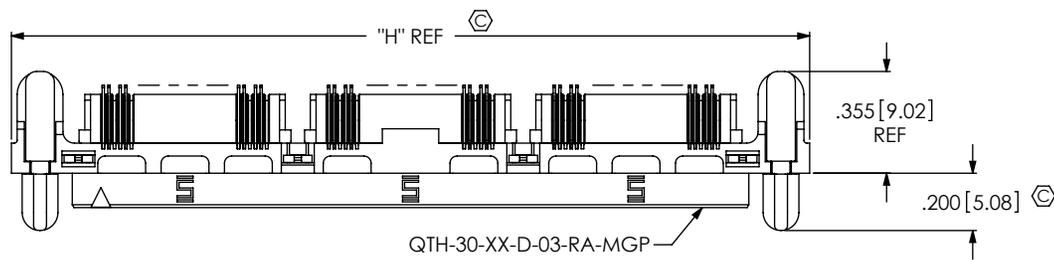


TABLE 5		
NO OF POS	"H"	"J"
-20	1.213 [30.80]	1.013 [25.72]
-40	2.000 [50.80]	1.800 [45.72]
-60	2.788 [70.80]	2.588 [65.72]

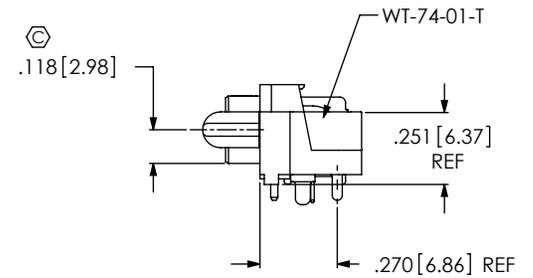


FIG 2
QTH-060-01-X-D-DP-RA-MGP SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)
(NOT TOOLED)

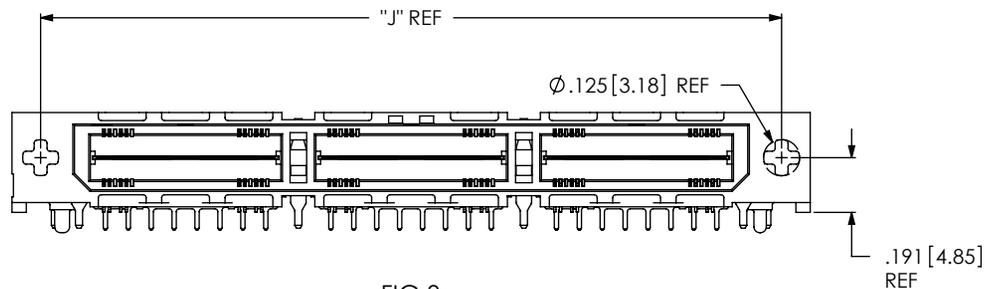
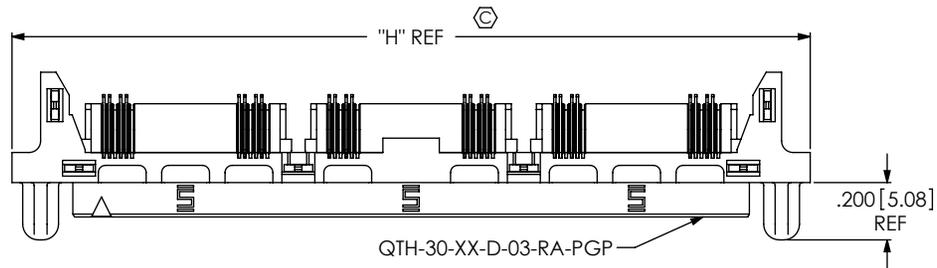


FIG 3
QTH-060-01-X-D-DP-RA-PGP SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

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DESCRIPTION:
.50mm DOUBLE ROW RIGHT ANGLE TERMINAL STRIP

DWG. NO.
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BY: G PURVIS 11/18/2013 SHEET 5 OF 6

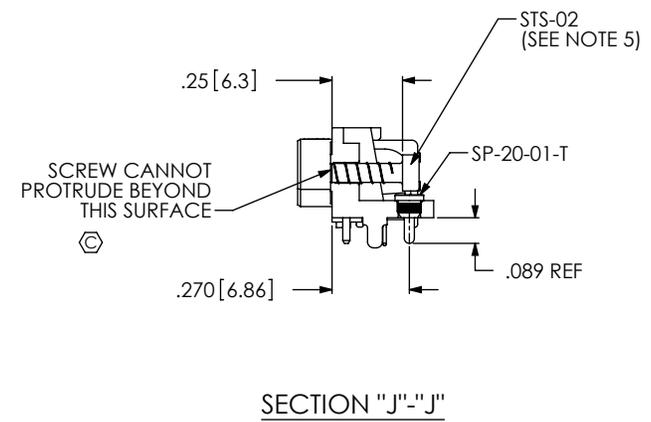
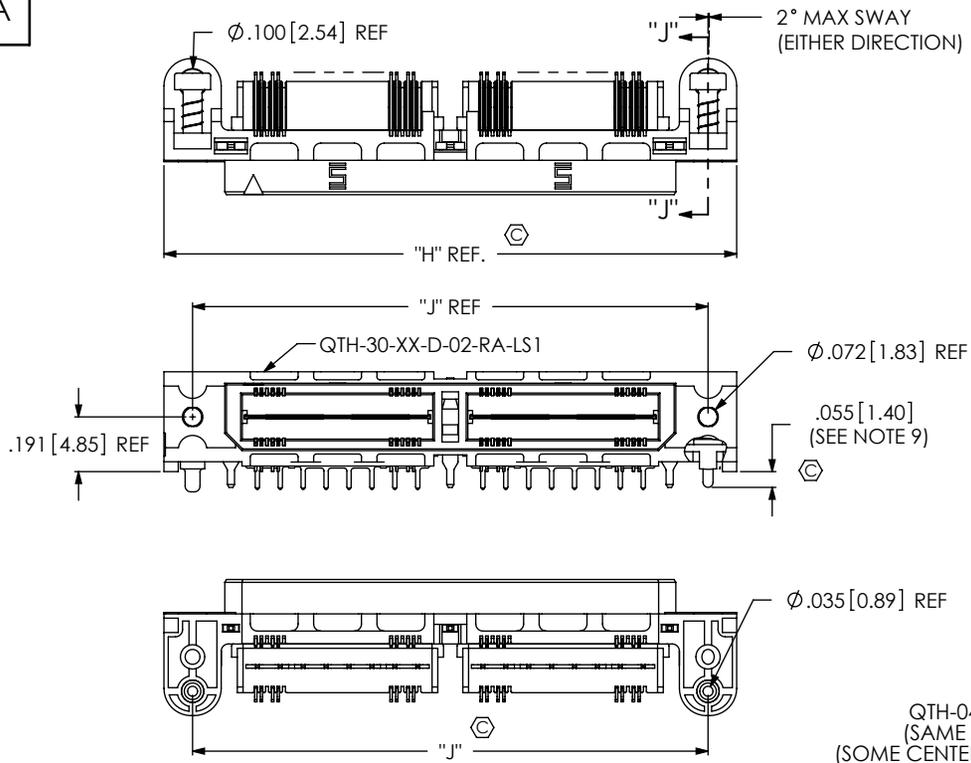


FIG 4
 QTH-040-01-X-D-DP-RA-LS1 SHOWN
 (SAME AS FIG 1, EXCEPT AS SHOWN)
 (SOME CENTER FEATURES REMOVED FOR CLARITY)
 (NOT TOOLED)

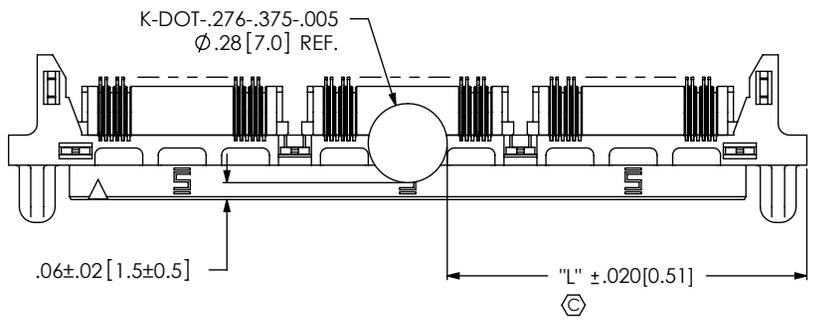


FIG 5
 QTH-060-01-X-D-DP-RA-PGP-K SHOWN
 (SAME AS FIG 1, EXCEPT AS SHOWN)
 (SOME CENTER FEATURES REMOVED FOR CLARITY)

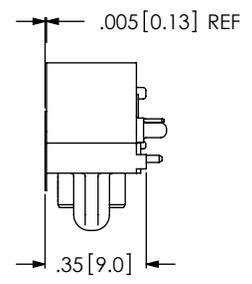


TABLE 7

NO OF POS	"L"	
	*-MGP & -PGP & *-LS1	NO GUIDE POSTS
-20	.469 [11.91]	.369 [9.37]
-40	.862 [21.89]	.762 [19.35]
-60	1.256 [31.90]	1.156 [29.36]

(* = NOT TOOLED)

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	<p>DESCRIPTION: .50mm DOUBLE ROW RIGHT ANGLE TERMINAL STRIP</p>	
	<p>DWG. NO. QTH-XXX-XX-X-D-DP-RA-XXX</p>	
<p>BY: G PURVIS 11/18/2013</p>		<p>SHEET 6 OF 6</p>