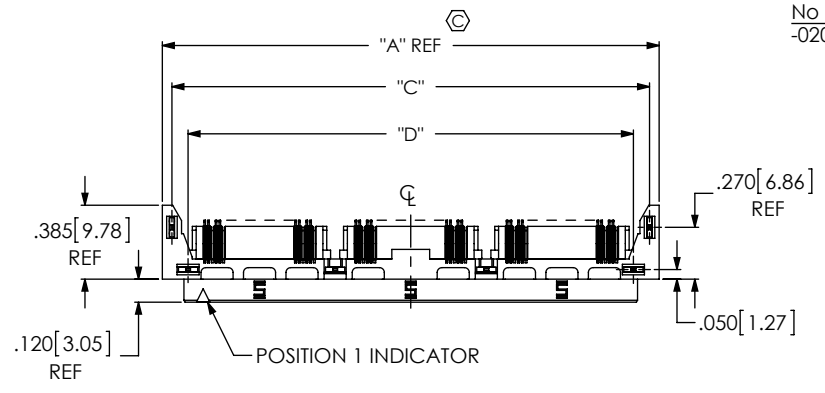


DO NOT SCALE FROM THIS PRINT

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

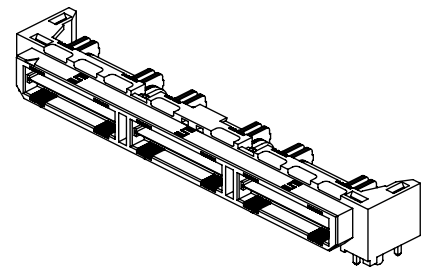
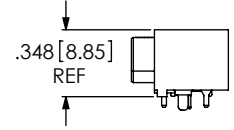
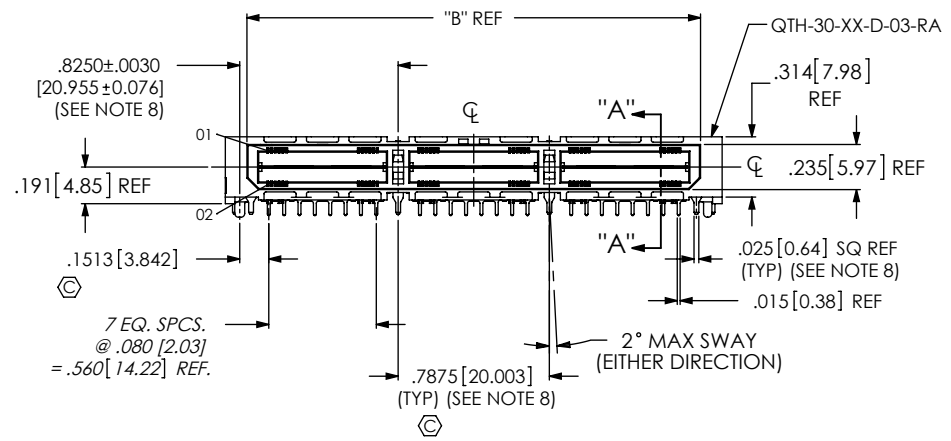


FIG 1  
QTH-060-01-X-D-DP-RA SHOWN (SOME CENTER FEATURES REMOVED FOR CLARITY)

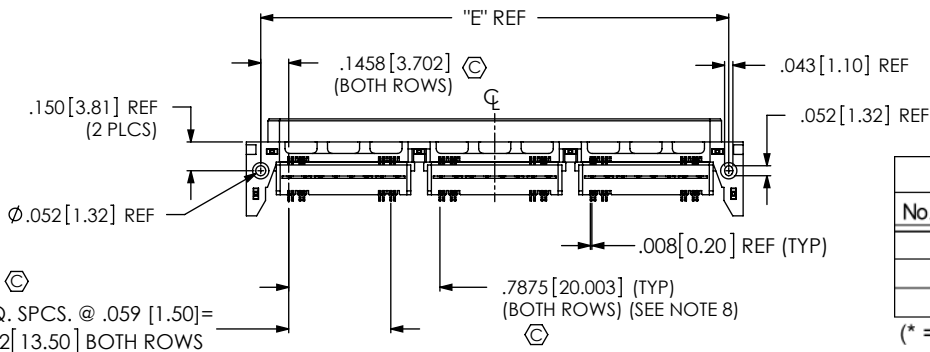


TABLE 1

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:
- ⊕ REPRESENTS A CRITICAL DIMENSION.
  - BURR ALLOWANCE: .0010 MAX.
  - MINIMUM PUSHOUT FORCE: SIGNAL: 0.5 LB. 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 -020 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.

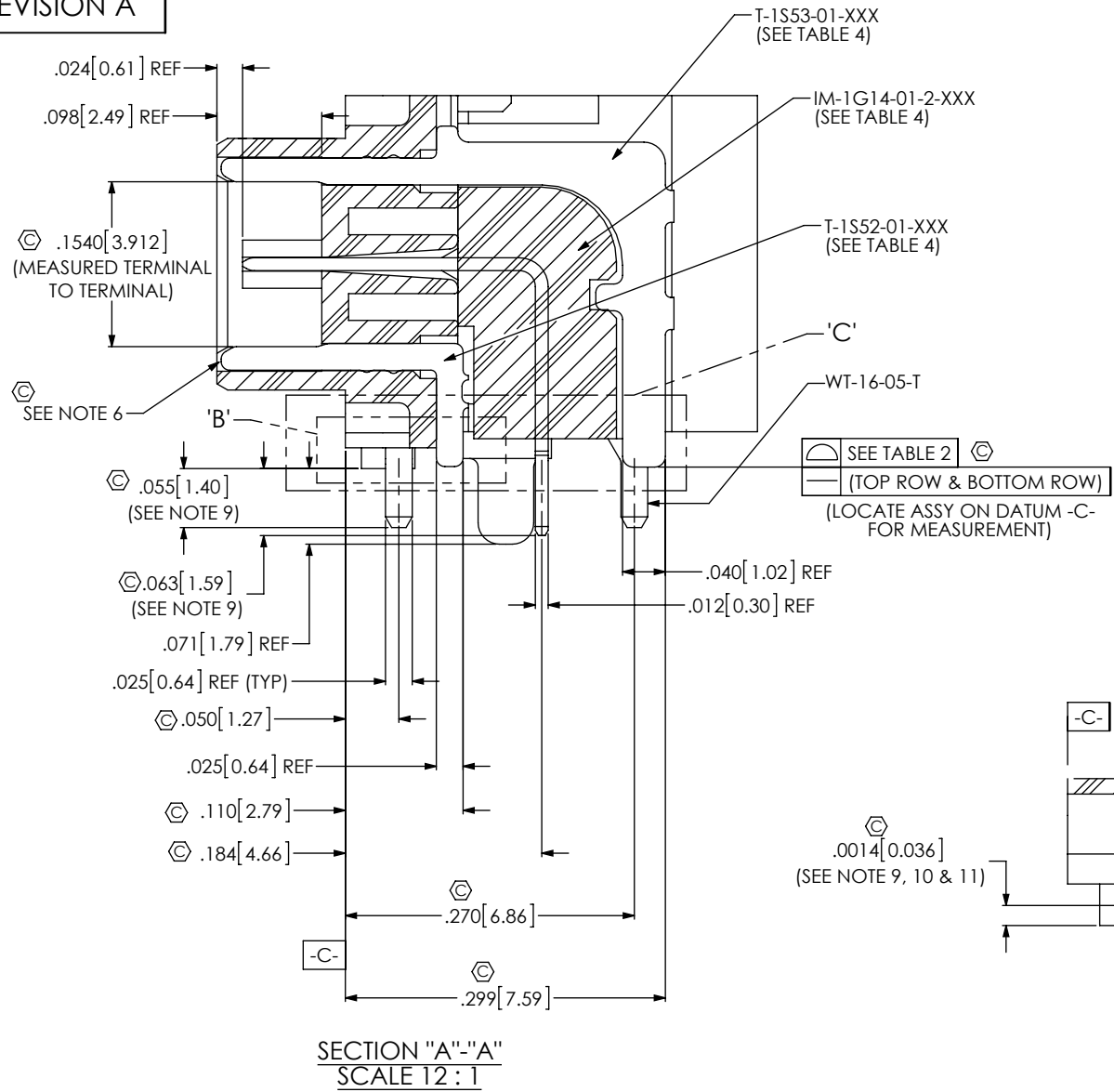
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:  
DECIMALS ANGLES  
.XX: ±.01 [0.3] 2°  
.XXX: ±.005 [0.13]  
.XXXX: ±.0020 [0.051]

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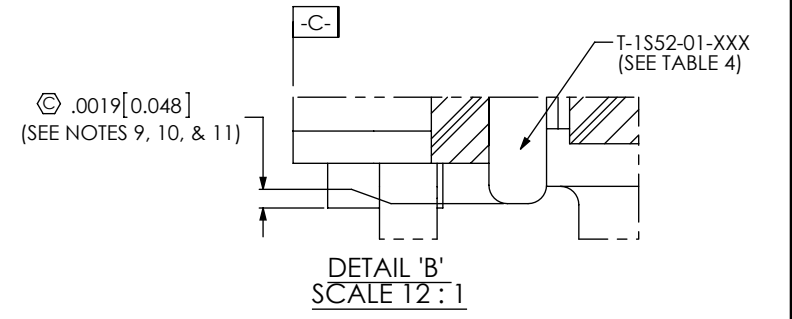
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:1  
INSULATOR: LCP UL94V-0, COLOR: BLACK  
TERMINAL, GROUND PLANE & WELD TAB: PHOS BRONZE

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

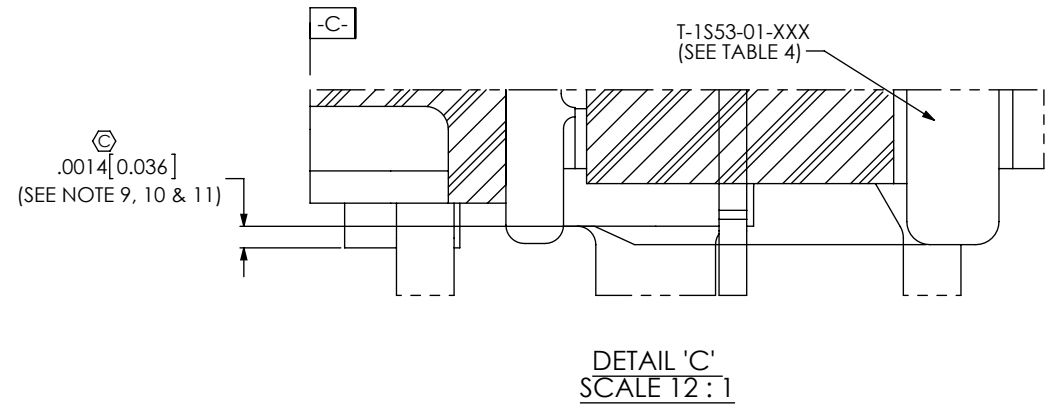


**TABLE 2**

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



SEE TABLE 2   
 (TOP ROW & BOTTOM ROW)   
 (LOCATE ASSY ON DATUM -C- FOR MEASUREMENT)



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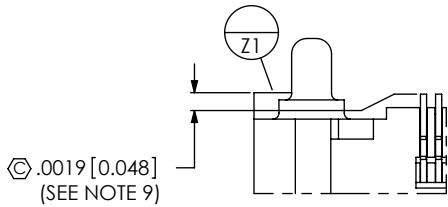
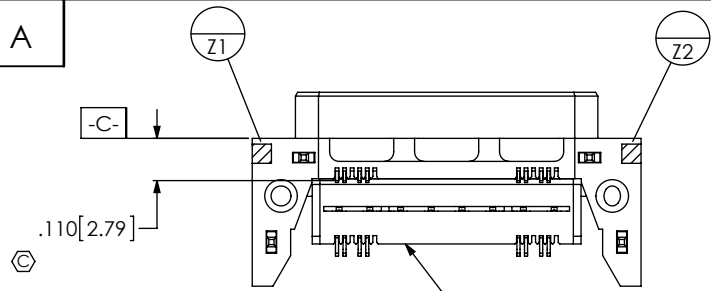
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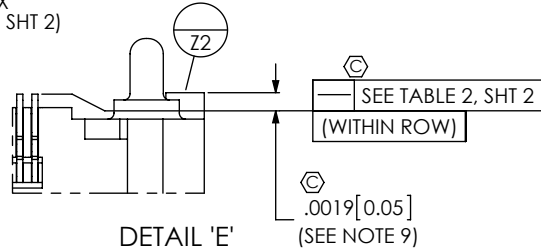
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DWG. NO.  
 QTH-XXX-XX-X-D-DP-RA-XXX

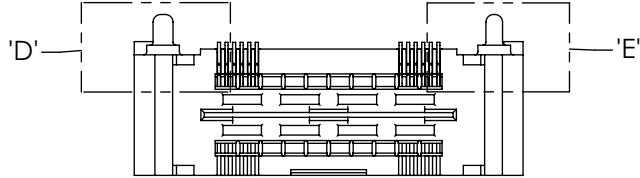
BY: G PURVIS 11/18/2013 SHEET 2 OF 6



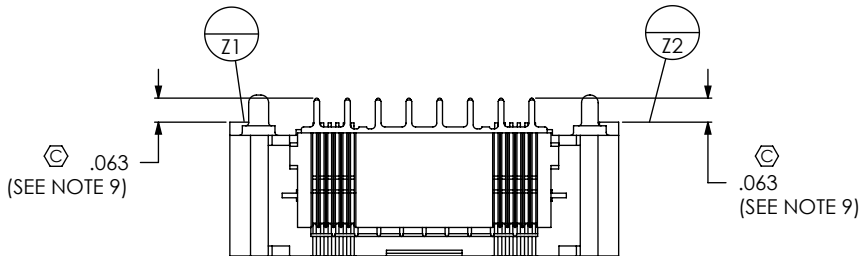
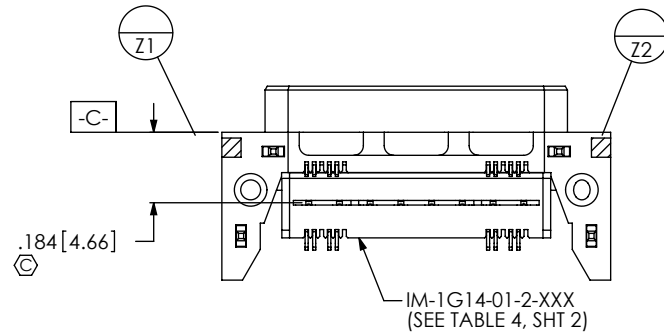
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SCALE 4 : 1



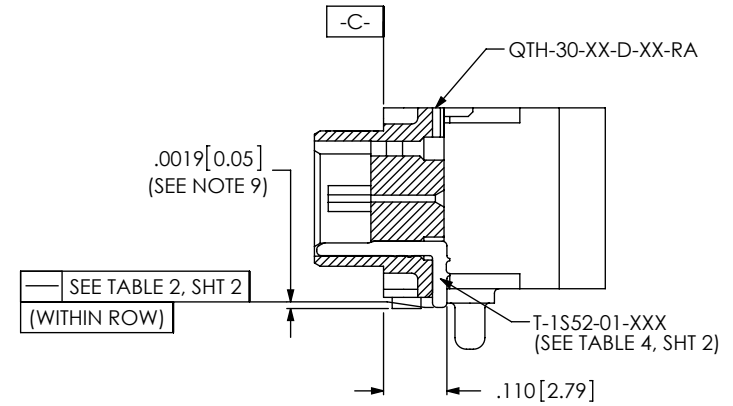
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SCALE 4 : 1



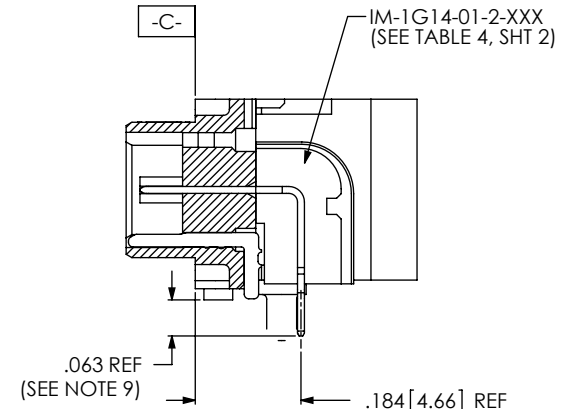
INSPECTION VIEW 1  
(FILL BOTTOM ROW)



INSPECTION VIEW 2  
(FILL IM-TG14)



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)

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SHEET SCALE: 6:1

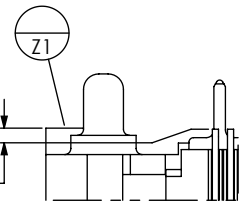
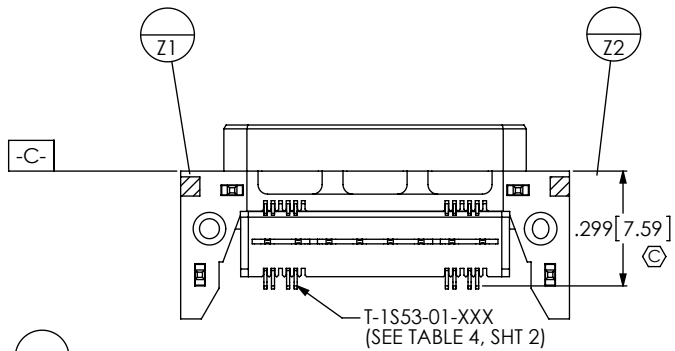
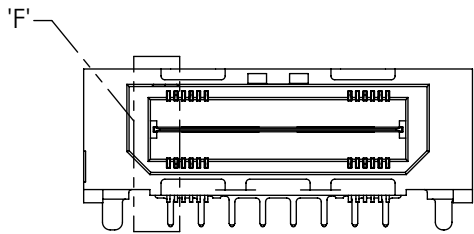
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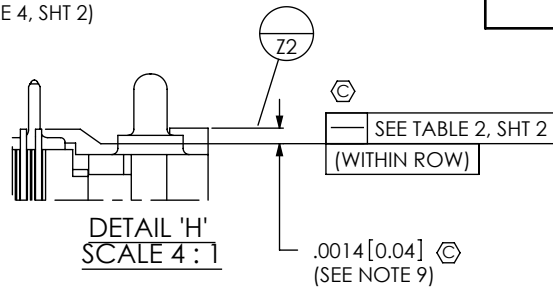
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.50mm DOUBLE ROW RIGHT ANGLE TERMINAL STRIP

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

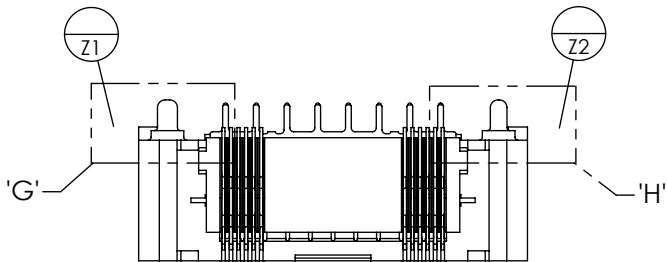
BY: G PURVIS 11/18/2013 SHEET 3 OF 6



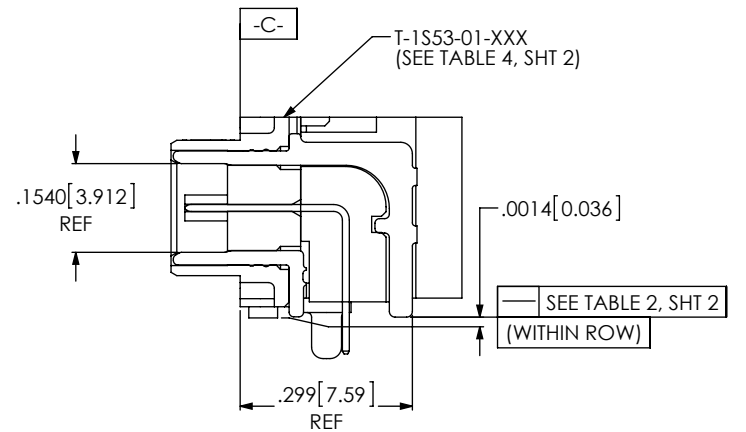
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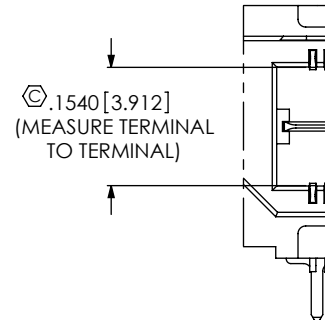
DETAIL 'H'  
SCALE 4 : 1



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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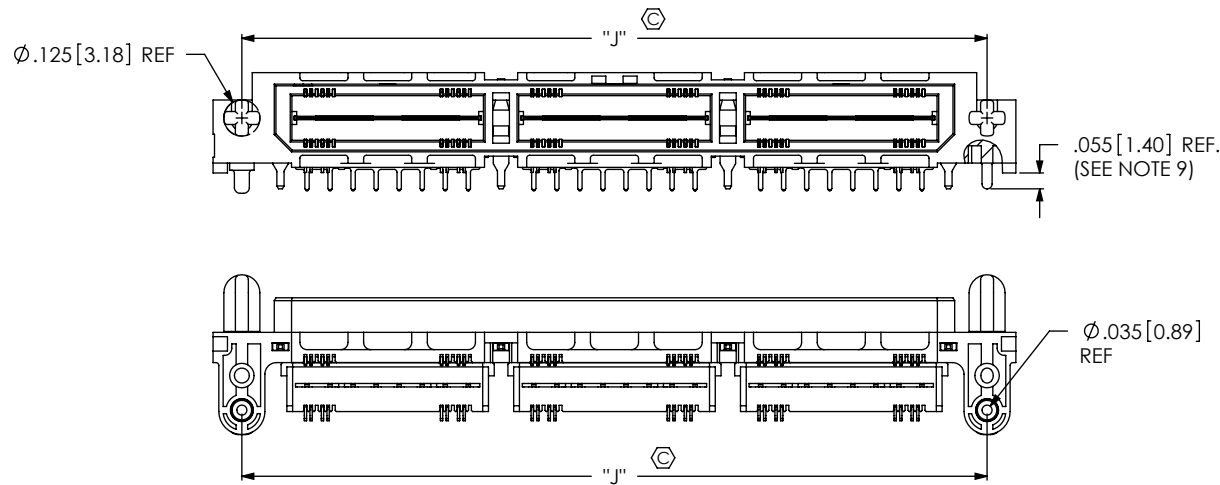
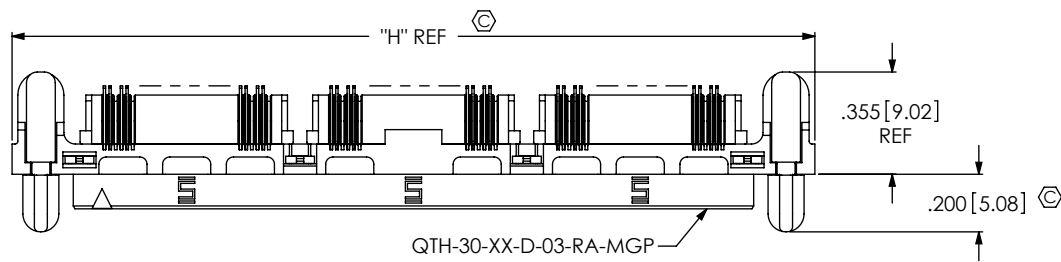


TABLE 5		
NO OF POS	"H"	"J"
-20	1.213 [30.80]	1.013 [25.72]
-40	2.000 [50.80]	1.800 [45.72]
-60	2.788 [70.80]	2.588 [65.72]

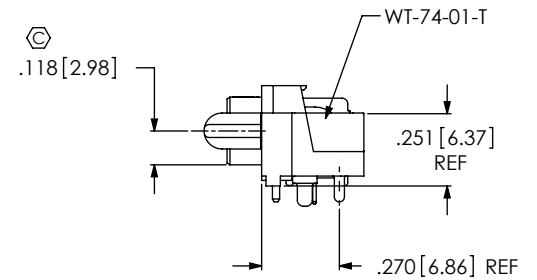


FIG 2  
QTH-060-01-X-D-DP-RA-MGP SHOWN  
(SAME AS FIG 1, EXCEPT AS SHOWN)  
(SOME CENTER FEATURES REMOVED FOR CLARITY)  
(NOT TOOLED)

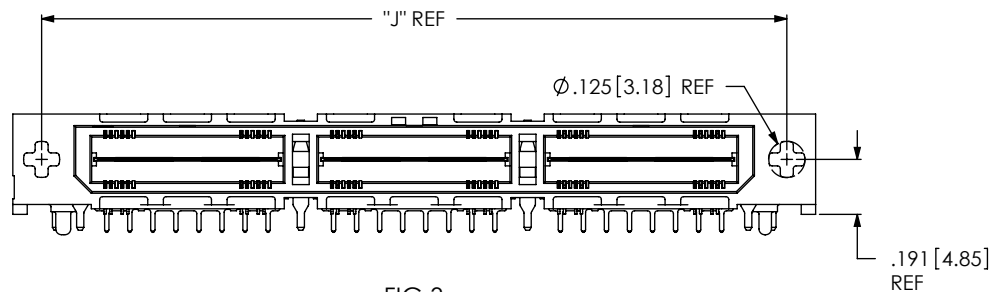
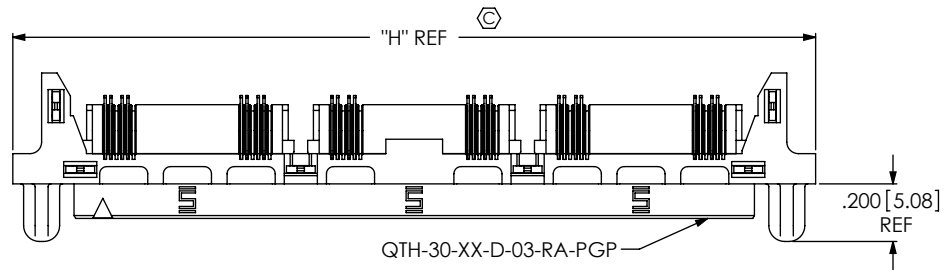


FIG 3  
QTH-060-01-X-D-DP-RA-PGP SHOWN  
(SAME AS FIG 1, EXCEPT AS SHOWN)  
(SOME CENTER FEATURES REMOVED FOR CLARITY)

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DESCRIPTION:  
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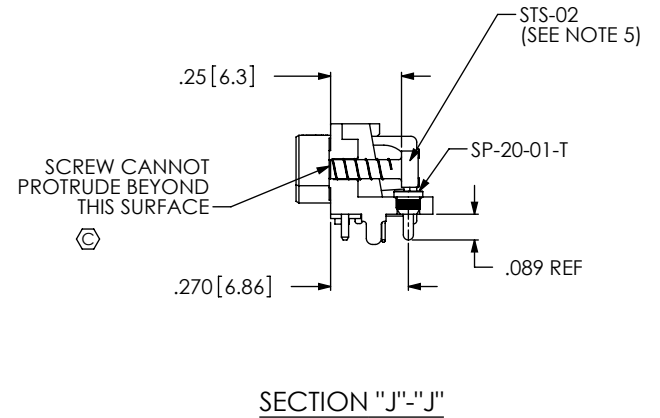
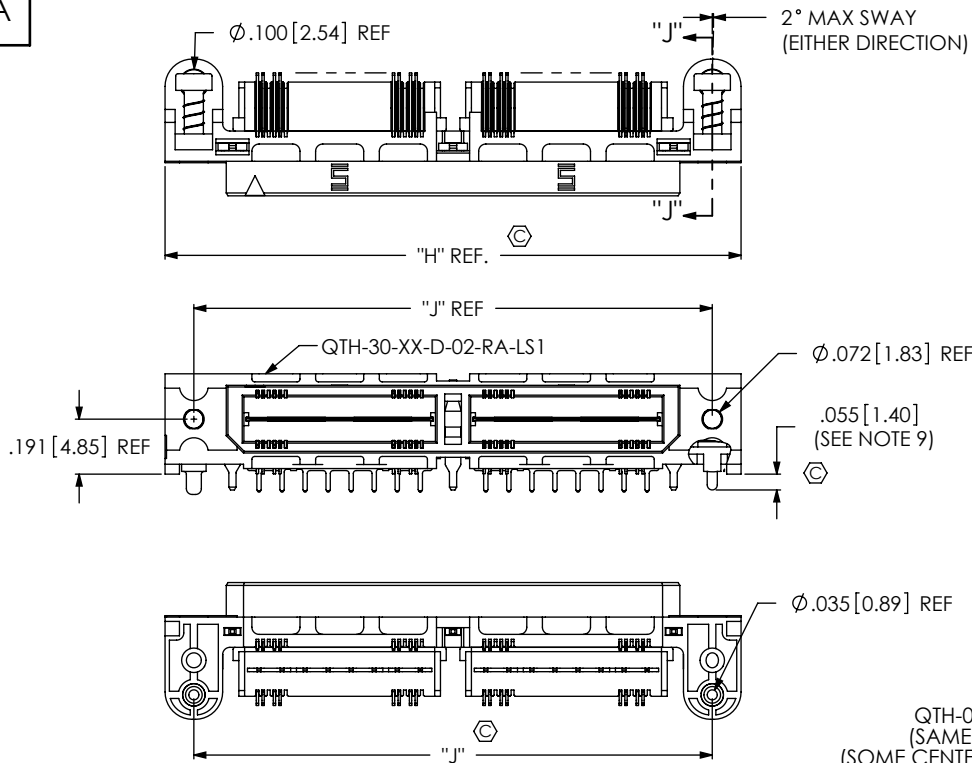


FIG 4  
QTH-040-01-X-D-DP-RA-LS1 SHOWN  
(SAME AS FIG 1, EXCEPT AS SHOWN)  
(SOME CENTER FEATURES REMOVED FOR CLARITY)  
(NOT TOOLED)

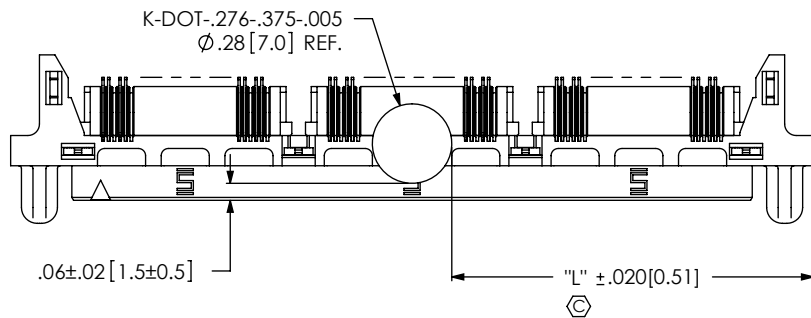
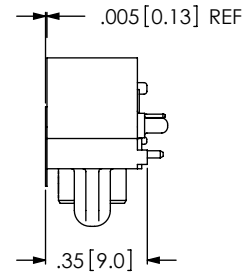


FIG 5  
QTH-060-01-X-D-DP-RA-PGP-K SHOWN  
(SAME AS FIG 1, EXCEPT AS SHOWN)  
(SOME CENTER FEATURES REMOVED FOR CLARITY)



NO OF POS	TABLE 7	
	*-MGP & -PGP & *-LS1	"L" 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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