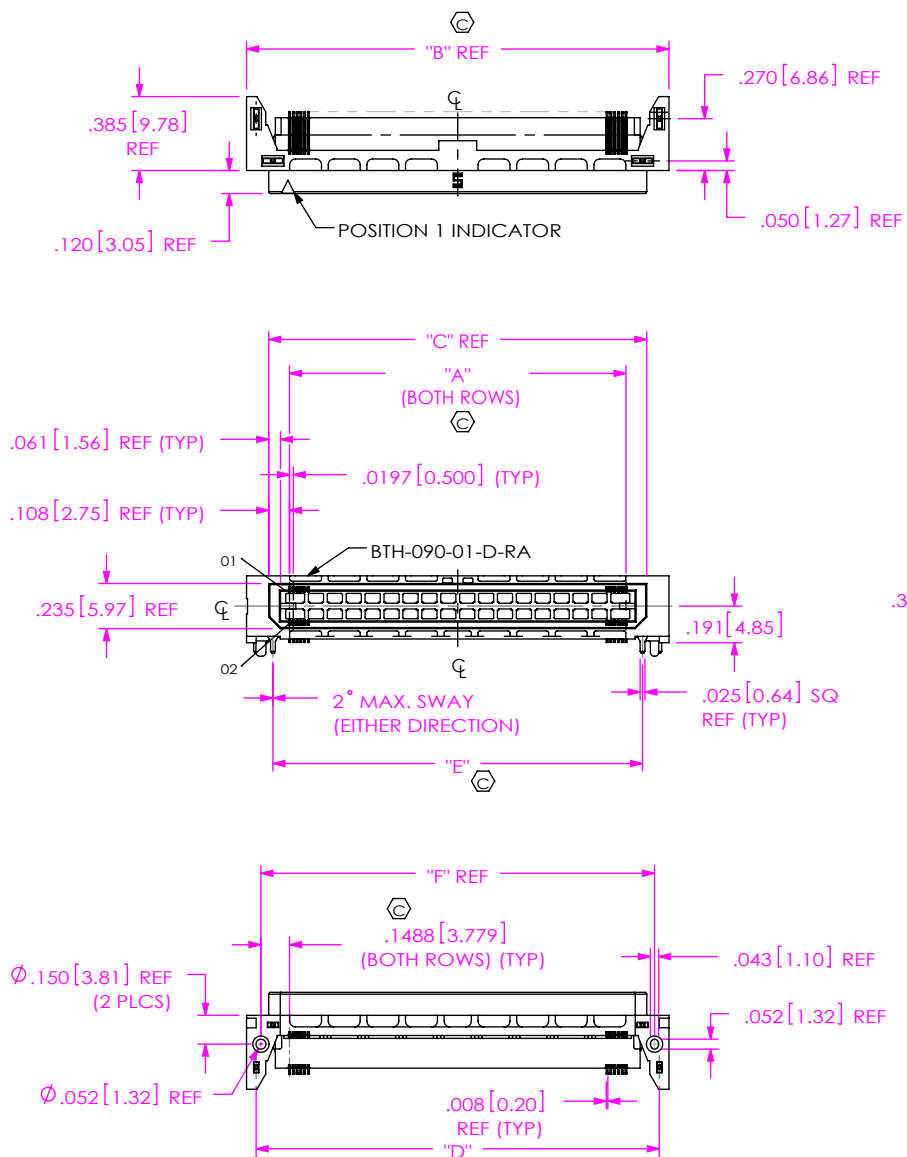


DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN INCHES [MILLIMETERS]



BTH-XXX-XX-X-D-RA-WT-XXX

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

LEAD STYLE
-01

PLATING SPECIFICATION
-F: 3µ" MIN FLASH GOLD ON CONTACT, MATTE TIN TAIL
-L: 10µ" MIN LIGHT GOLD CONTACT, MATTE TIN TAIL

OPTION
*-PGP: PLASTIC GUIDE POSTS (SEE FIG 3, SHT 4)
*-MGP: METAL GUIDE POSTS (SEE FIG 2, SHT 4)
-K: K-DOT (SEE FIG 4, SHT 4)

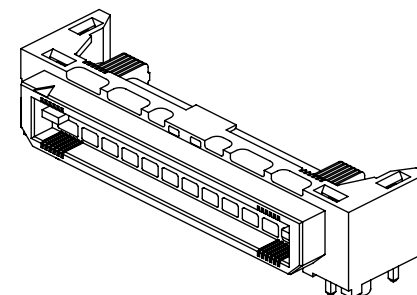
-WT: WELD TAB (USE WT-16-05-T)

-RA: RIGHT ANGLE

ROW SPECIFICATION

-D: DOUBLE

(* = NOT TOOLED)



No OF POS.	"A"	"B"	"C"	"D"	"E"	"F"
-030	.5710	1.019	.788	.919	.744	.869
-060	1.1617	1.609	1.378	1.509	1.334	1.459
-090	1.7524	2.200	1.969	2.100	1.925	2.050

FIG 1
BTH-090-01-X-D-RA-WT SHOWN
(SOME CENTER FEATURES REMOVED FOR CLARITY)

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM BURR ALLOWANCE: .0010 [.025]
3. MINIMUM PUSHOUT FORCE: 5 OZ.
4. IF NEEDED, -L PLATING CAN BE SUBSTITUTED FOR -F PLATING.
5. TIPS OF TERMINALS MAY NOT EXTEND BEYOND THIS SURFACE.
6. ASSEMBLIES TO BE PACKAGED IN TRAYS.
7. NOT RECOMMENDED FOR INVERTED REFLOW SOLDER.

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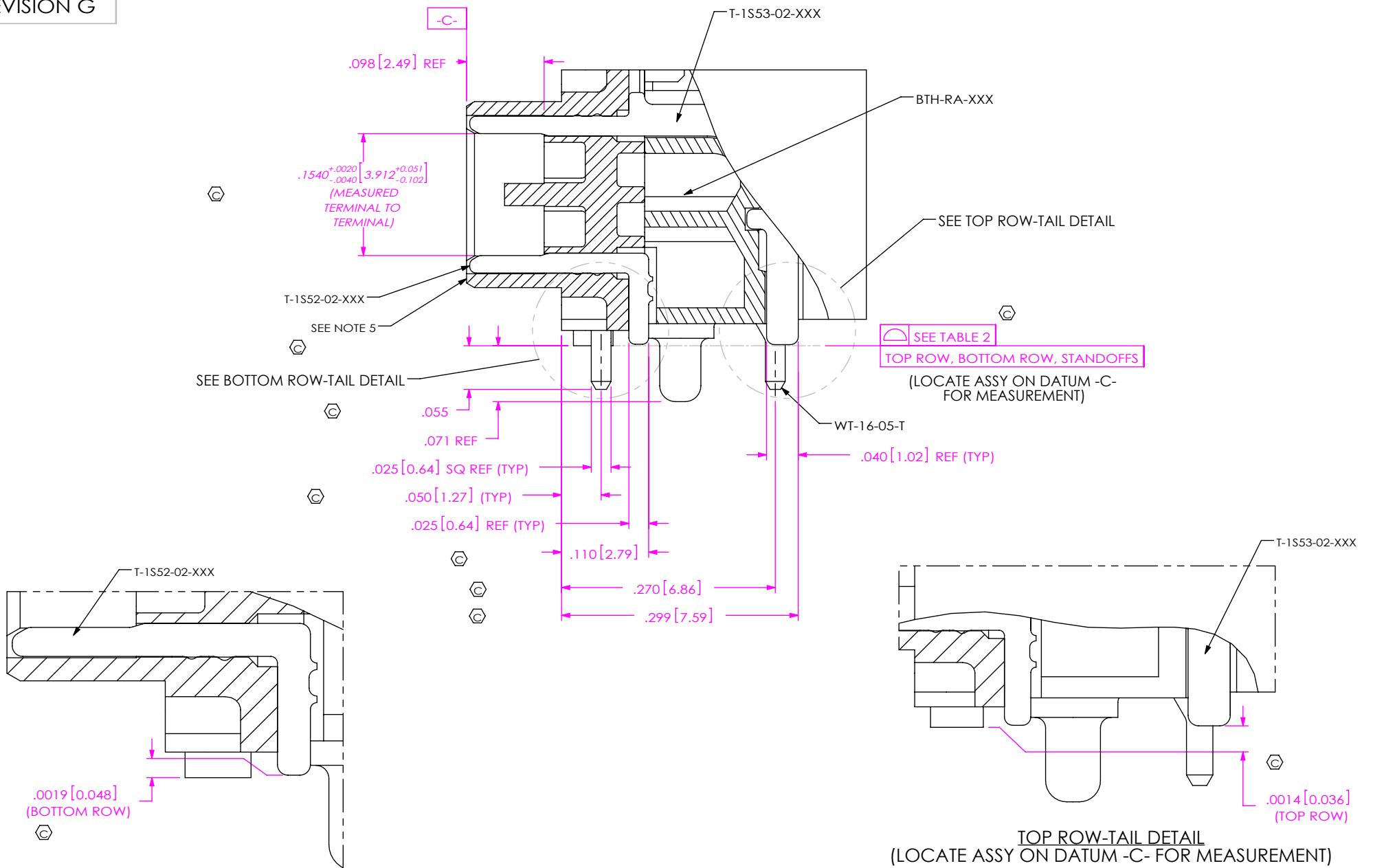
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
INSULATOR: LCP, COLOR: BLACK
TERMINAL & WELD TAB: PHOS BRONZE

DESCRIPTION:
.50mm DOUBLE ROW RIGHT ANGLE TERMINAL STRIP

DWG. NO.
BTH-XXX-XX-X-D-RA-WT-XXX

BY: KNOWLDEN 02/22/2010 SHEET 1 OF 4



BOTTOM ROW-TAIL DETAIL
(LOCATE ASSY ON DATUM -C- FOR MEASUREMENT)

TOP ROW-TAIL DETAIL
(LOCATE ASSY ON DATUM -C- FOR MEASUREMENT)

TABLE 2

No OF POSITIONS	BOTTOM ROW STRAIGHTNESS	TOP ROW STRAIGHTNESS	ASSEMBLY COPLANARITY
-030 THRU -090	0.0040 [0.102]	0.0040 [0.102]	0.0060 [0.152]

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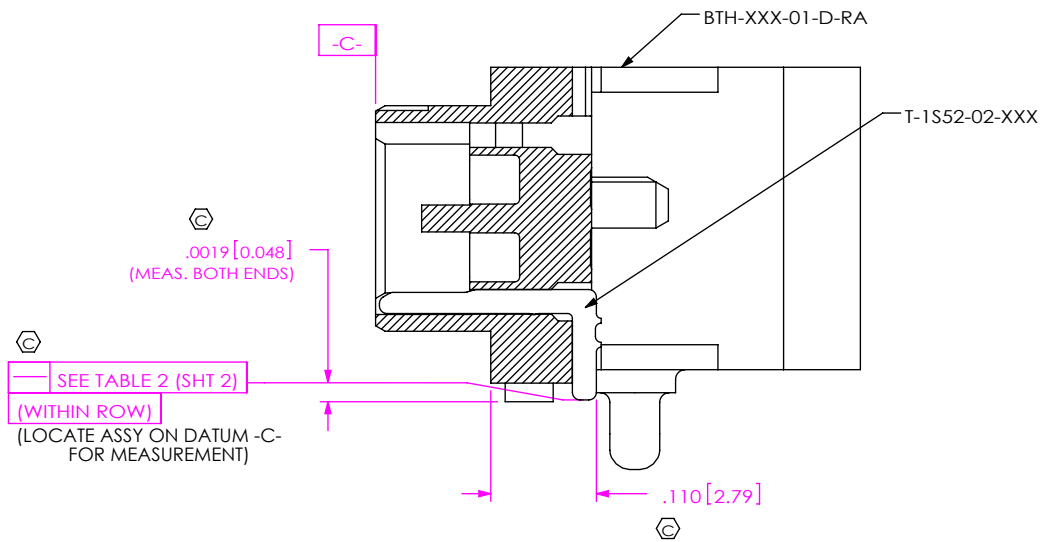
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DESCRIPTION:
.50mm DOUBLE ROW RIGHT ANGLE TERMINAL STRIP

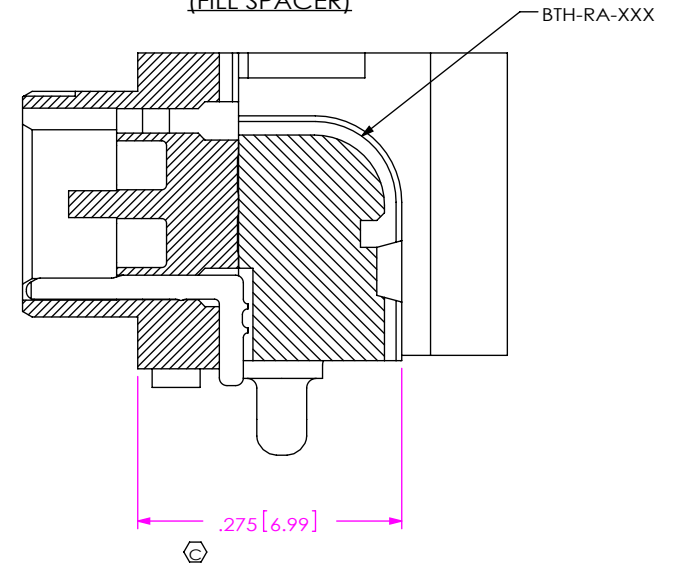
DWG. NO.
BTH-XXX-XX-X-D-RA-WT-XXX

BY: KNOWLDEN 02/22/2010 SHEET 2 OF 4

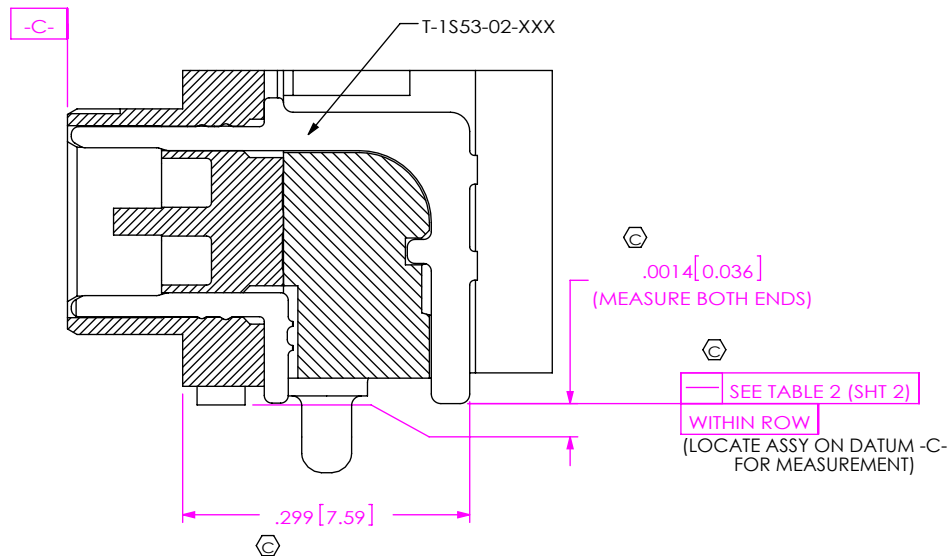
IN-PROCESS 1
(FILL BOTTOM ROW)



IN-PROCESS 2
(FILL SPACER)



IN-PROCESS 3
(FILL TOP ROW)



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SHEET SCALE: 1:0.666667



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 e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
 .50mm DOUBLE ROW RIGHT ANGLE TERMINAL STRIP

DWG. NO.
BTH-XXX-XX-X-D-RA-WT-XXX

BY: KNOWLDEN 02/22/2010 SHEET 3 OF 4

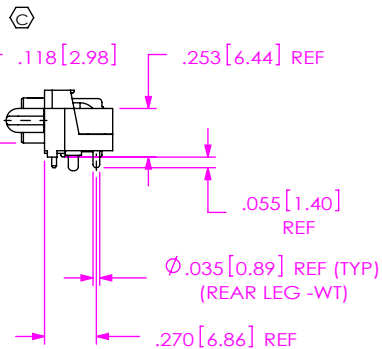
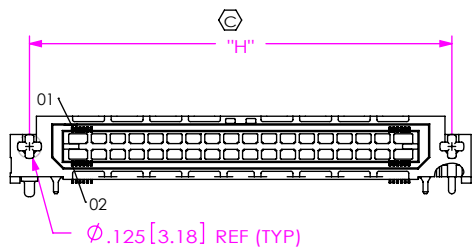
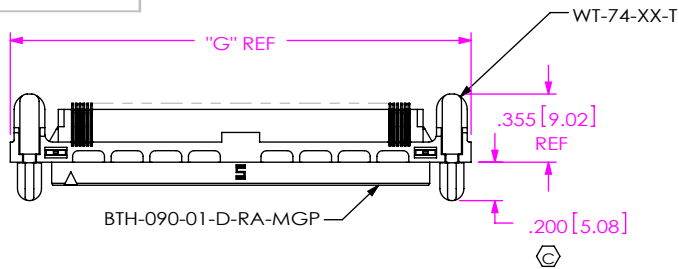


FIG 2
(-MGP VERSION)
BTH-090-01-X-D-RA-MGP SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)
(NOT TOOLED)

TABLE 4		
	"J"	
NO OF POS	*-PGP & *-MGP	NO GUIDE POSTS
-030	.472 [11.98]	.372 [9.44]
-060	.767 [19.48]	.667 [16.94]
-090	1.062 [26.98]	.962 [24.44]

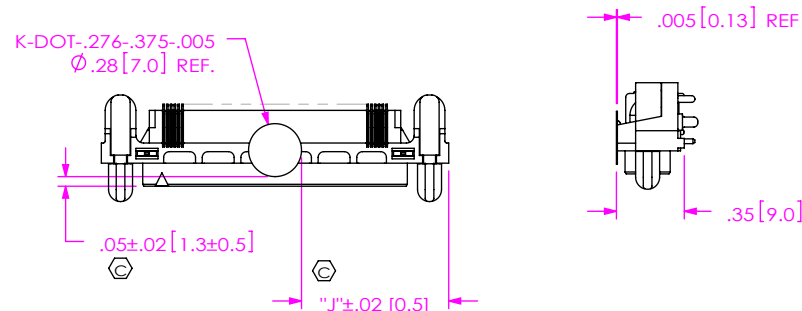


FIG 4
(-K OPTION)
BTH-090-01-X-D-RA-WT-MGP-K SHOWN
(SAME AS FIG 2, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

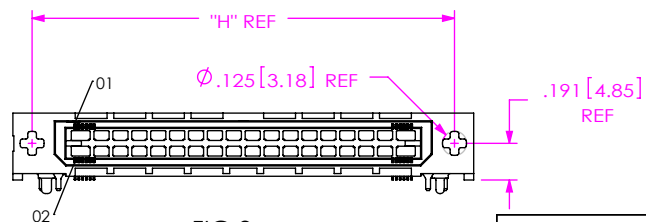
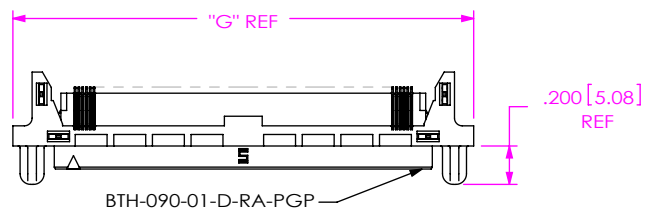


TABLE 3		
NO OF POS	"G"	"H"
-030	1.219 [30.95]	1.019 [25.87]
-060	1.809 [45.96]	1.609 [40.88]
-090	2.400 [60.96]	2.200 [55.88]

FIG 3
(-PGP VERSION)
BTH-090-01-X-D-RA-PGP SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)
(NOT TOOLED)

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DESCRIPTION:
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DWG. NO.
BTH-XXX-XX-X-D-RA-WT-XXX

BY: KNOWLDEN 02/22/2010 SHEET 4 OF 4