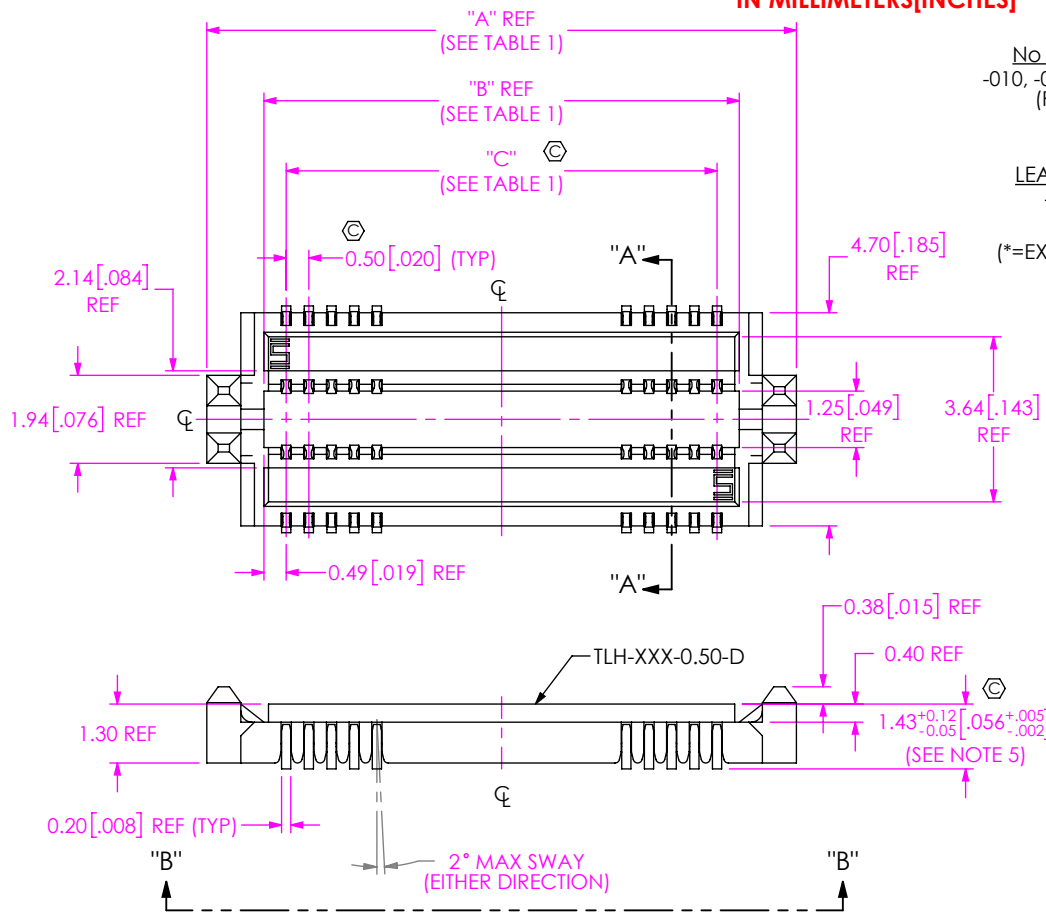


DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

TLH-XXX-X.XX-X-D-X-X-XX



No. OF POSITIONS
-010, -020, -030, *-040 (PER ROW)

LEAD STYLE
-0.50

(* = EXISTING CUSTOMER ONLY)

TAPE & REEL (SEE NOTE 8 & 9)
-BLANK: TAPE & REEL
-FR: FULL REEL QTY TAPE & REEL

OPTION
-K: K-DOT (SEE FIG 2, SHT 2)

OPTION
-A: ALIGNMENT PIN (SEE FIG 3, SHT 3)

ROW SPECIFICATION
-D: DOUBLE ROW

PLATING SPECIFICATION
-G: 10μ" MIN Au IN CONTACT, 3μ" MIN Au ON TAIL

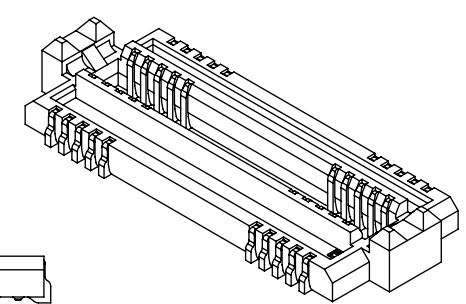


FIG 1
TLH-020-0.50-X-D SHOWN
(SOME CENTER FEATURES NOT SHOWN FOR CLARITY)

PATENT NUMBER
8,979,551

TABLE 1

NO OF POSITIONS	"A"	"B"	"C"	"D"	"E"	"F"
-010	8.000 [.3150]	5.480 [.2157]	4.50 [.177]	4.500 [.1772]	2.500 [.0984]	6.400 [.2520]
-020	13.000 [.5118]	10.480 [.4126]	9.50 [.374]	9.500 [.3740]	5.000 [.1969]	11.400 [.4488]
-030	18.000 [.7087]	15.480 [.6094]	14.50 [.571]	14.500 [.5709]	7.500 [.2953]	16.400 [.6457]
*-040	23.000 [.9055]	20.480 [.8063]	19.50 [.768]	19.500 [.7677]	10.000 [.3937]	21.400 [.8425]

(* = EXISTING CUSTOMER ONLY)

- NOTES:
- ⊗ REPRESENTS A CRITICAL DIMENSION.
 - MINIMUM PUSHOUT FORCE: 1.1N [.25 LB].
 - DELETED.
 - DELETED.
 - USE MEASURING FIXTURE AT-2617-802.
 - FOR APPLICATIONS REQUIRING TWO OR MORE CONNECTORS PER BOARD, CONTACT IPG@SAMTEC.COM.
 - TAPE & REEL IS STANDARD PACKAGING
 - ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
 - ATTACH LABEL TO EACH REEL.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:

DECIMALS	ANGLES
X.X: ±0.3 [.01]	2°
X.XX: ±0.13 [.005]	
X.XXX: ±0.051 [.0020]	

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 6:1

INSULATOR: LCP, COLOR: BLACK
CONTACT: COPPER ALLOY

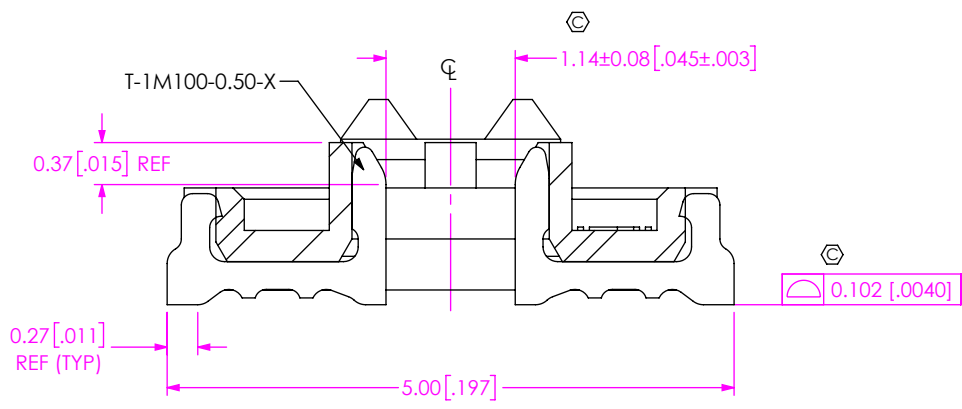
F:\DWG\MISC\MKTG\TLH-XXX-X.XX-X-D-X-X-MKT.SLDDRW

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 53322

DESCRIPTION: TLH TERMINAL ASSEMBLY

DWG. NO. TLH-XXX-X.XX-X-D-X-X-XX

BY: JERRY SU 10/25/2014 SHEET 1 OF 3



SECTION "A"-"A"
SCALE 15:1

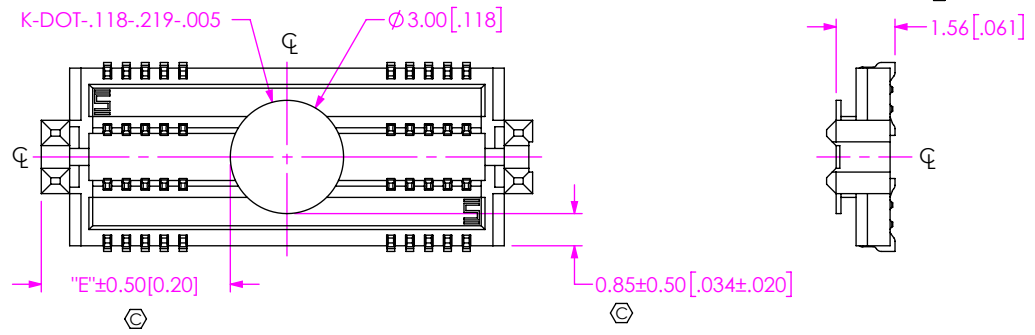
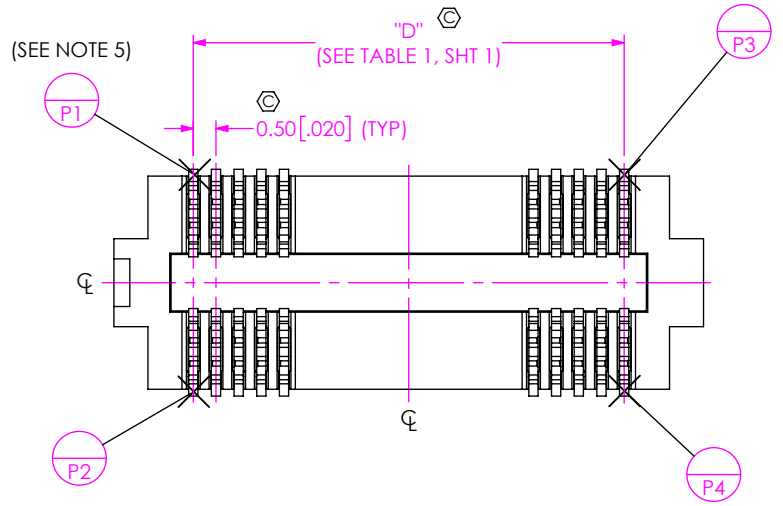


FIG 2
TLH-020-0.50-X-D-K SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(SOME CENTER FEATURES NOT SHOWN FOR CLARITY)

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SHEET SCALE: 2:1



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e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
TLH TERMINAL ASSEMBLY

DWG. NO.
TLH-XXX-X.XX-X-D-X-X-XX

BY: JERRY SU 10/25/2014 SHEET 2 OF 3

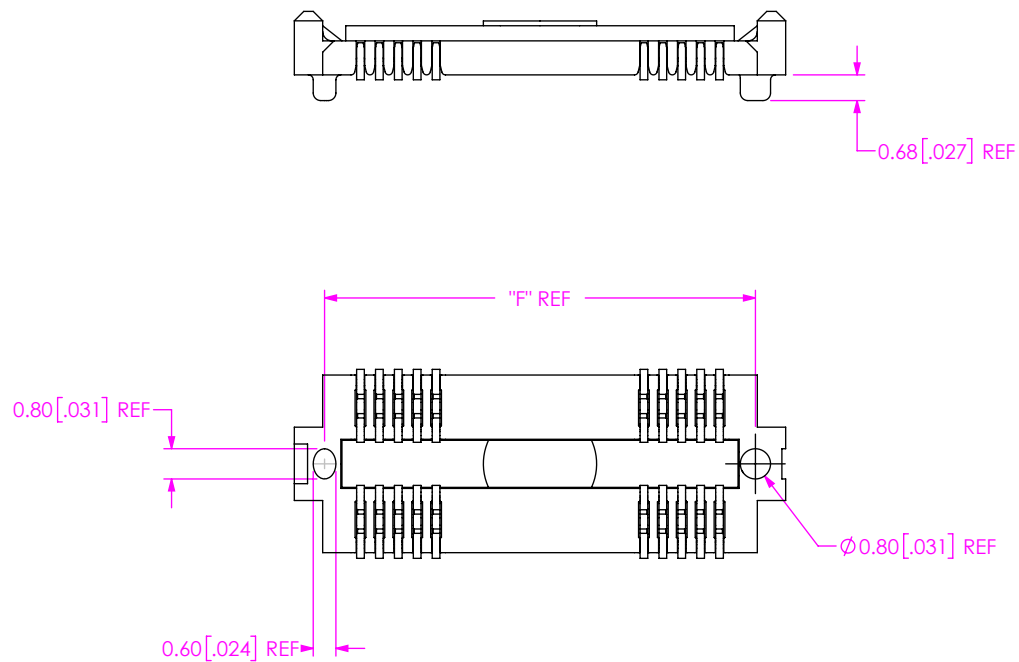


FIG 3: ALIGNMENT PIN DETAIL
 TLH-020-0.50-X-D-A-K SHOWN
 (SOME CENTER FEATURES NOT SHOWN FOR CLARITY)

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 e-Mail info@SAMTEC.com code 55322

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 SHEET SCALE: 5:1

DESCRIPTION: TLH TERMINAL ASSEMBLY
 DWG. NO. TLH-XXX-X.XX-X-D-X-X-XX
 BY: JERRY SU 10/25/2014 SHEET 3 OF 3