

NOTES:

1. REPRESENTS A CRITICAL DIMENSION.
2. COPLANARITY TO BE WITHIN .006.
3. BURR ALLOWANCE: .0015 MAX.
4. MINIMUM PUSHOUT FORCE: .5 LB.
5. MAXIMUM ALLOWABLE BOW: .002 INCH/INCH AFTER ASSEMBLY.
6. LOAD INSERTS IN DIRECTION OF THE ARROW; FLUSH TO .003" RECESSED.
7. THREADED INSERT MUST BE ABLE TO HANDLE 20 in-oz's OF TORQUE MIN WITHOUT ROTATING OR "LOOSENING".
8. THREADED INSERT RETENTION TO BE 7lbs. MIN.
9. LEADS TO BE FLUSH TO .005 ABOVE THE BODY.

OPP-XX-01-XX-S-X-XX

NO OF POSITIONS
-03, -07, -10

PLATING SPECIFICATION
-T: TIN (USE C-170-01-T)
-TM: MATTE TIN (USE C-170-01-T)

ROW SPECIFICATION
-S: SINGLE (USE OPP-XX-S)

ALIGNMENT PIN OPTION
-AT: TOP SIDE (USE OPP-XX-S-AT-X)
-AB: BOTTOM SIDE (USE OPP-XX-S-AB-X)
-AD: DUAL (TOP & BOTTOM)
(USE OPP-XX-S-AD-X)
BLANK FOR NO ALIGNMENT PIN

THREADED INSERT OPTION
-E: THREADED INSERT (ENGLISH)
(USE INS-14-2-56-115, SEE FIGURE 3)
(USE OPP-XX-S-XX-T, SEE FIGURE 3)
-M: THREADED INSERT (METRIC)
(USE INS-14-M2-115-N, SEE FIGURE 3)
(USE OPP-XX-S-XX-T, SEE FIGURE 3)
BLANK FOR NON-THREADED INSERT

DO NOT
SCALE FROM
THIS PRINT

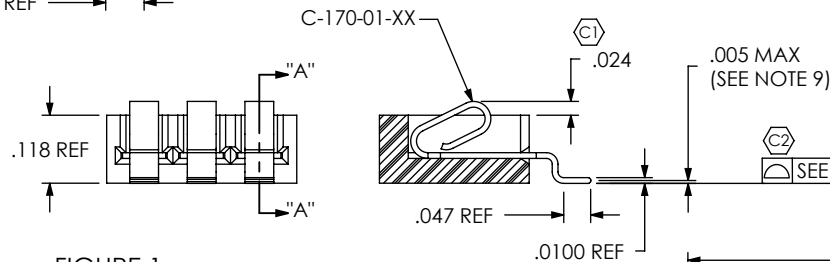
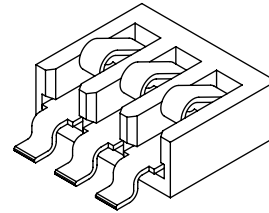
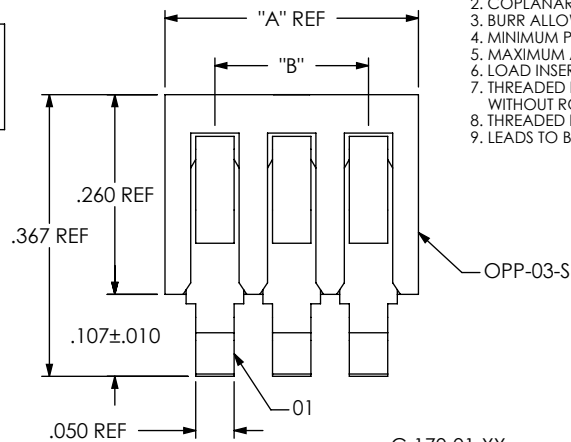
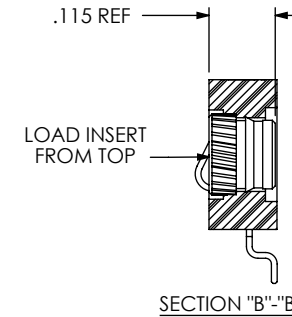
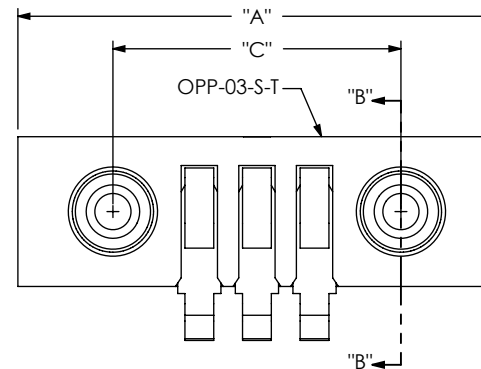


FIGURE 1
(SHOWN: OPP-03-01-T-S)

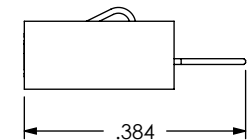
SECTION "A"- "A"

PART NUMBER		
OPTION	INSERT	"B"
-E	INS-14-2-56-115	2 x 56
-M	INS-14-M2-115-N	M2.0 x4

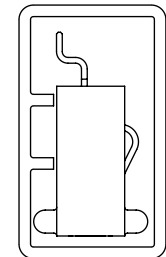
FIGURE 3
THREADED INSERT OPTION
-M & -E: THREADED OPTIONS
(SHOWN: OPP-03-01-XX-S-E)



IN PROCESS VIEW

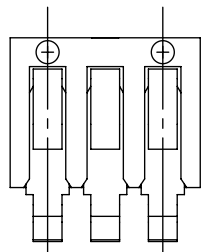


PACKAGING VIEW



TUBE: PT-1-24-01-25
PLUG: TP-09

FIGURE 2
ALIGNMENT PIN OPTIONS
(SHOWN: OPP-03-01-XX-S-AD)



ALIGNMENT PIN OPTION WITH -M OR -E OPTION
(SHOWN: OPP-03-01-XX-S-E-AD)

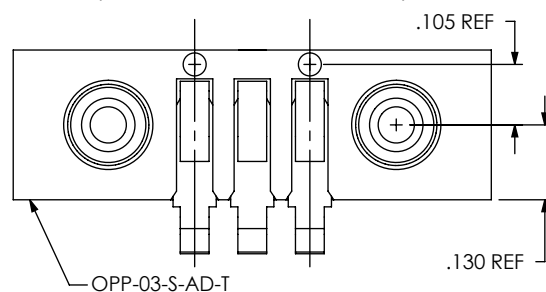
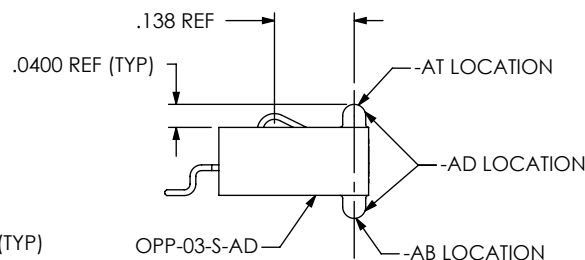
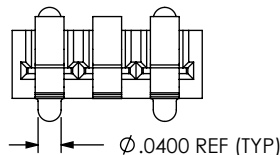


TABLE 1				
NUMBER OF POSITIONS	"A" WITHOUT -E OR -M OPTION	"A" WITH -E OR -M OPTION	"B"	"C"
-03	0.330	0.830	0.200	0.500
-07	0.730	1.230	0.600	0.900
-10	1.030	1.530	0.900	1.200



UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 [.3]
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP, COLOR: BLACK
CONTACT: BECU 17410

SHEET SCALE: 3:1

DESCRIPTION:

samtec

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

ONE PIECE POWER ASSEMBLY

DWG. NO. OPP-XX-01-XX-S-X-XX

BY: ERIC M. 06/15/01 SHEET 1 OF 1