

6

5

4

3

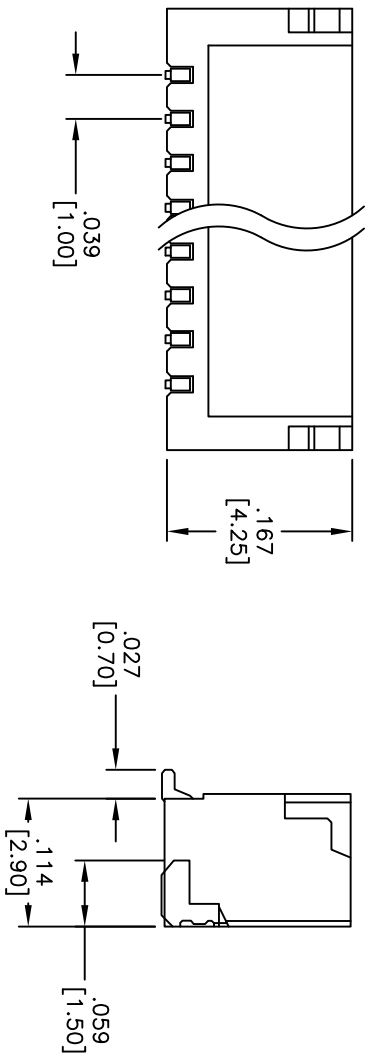
2

1

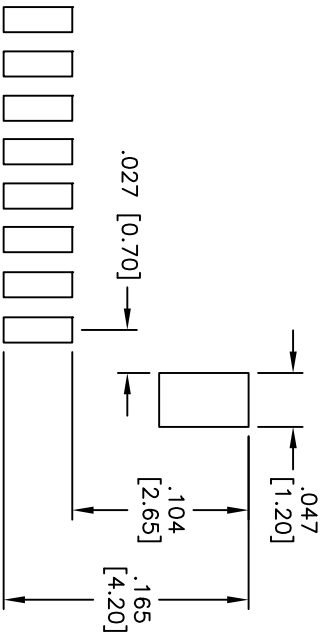
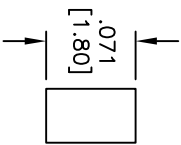
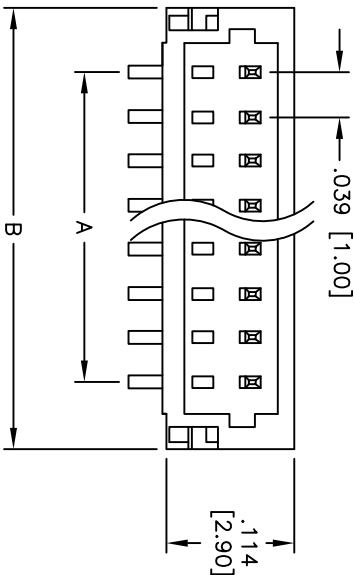
APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

| Rev | AWO # | Description  | Date     | Appr |
|-----|-------|--------------|----------|------|
| -   |       | RELEASED     | 01/17/07 |      |
| A   |       | REVISED DIM. | 5/19/09  |      |
| B   |       | REVISED SPEC | 9/8/11   |      |



| POLES | DIMENSIONS INCHES [mm] |              |
|-------|------------------------|--------------|
|       | A                      | B            |
| 2     | .039 [1.00]            | .157 [4.00]  |
| 3     | .079 [2.00]            | .197 [5.00]  |
| 4     | .118 [3.00]            | .236 [6.00]  |
| 5     | .157 [4.00]            | .276 [7.00]  |
| 6     | .197 [5.00]            | .315 [8.00]  |
| 7     | .236 [6.00]            | .354 [9.00]  |
| 8     | .276 [7.00]            | .394 [10.00] |
| 9     | .315 [8.00]            | .433 [11.00] |
| 10    | .354 [9.00]            | .472 [12.00] |
| 11    | .394 [10.00]           | .512 [13.00] |
| 12    | .433 [11.00]           | .551 [14.00] |
| 13    | .472 [12.00]           | .591 [15.00] |
| 14    | .512 [13.00]           | .630 [16.00] |
| 15    | .551 [14.00]           | .669 [17.00] |
| 20    | .748 [19.00]           | .866 [22.00] |



SPECIFICATIONS:

Material:

Insulator: Hi-Temp Thermoplastic, rated UL 94V-0

Insulator color: Natural

Plating:

Tin over Copper underplate overall

Electrical:

Operating voltage: 50 VAC max

Current rating: 1 Amp max

Insulation resistance: 100 Mohms min

Dielectric withstanding voltage: 500 VAC for 1 minute

Temperature Rating:

Operating temperature: -25°C to +85°C

Environmental:

Lead free, RoHS compliant



RECOMMENDED PCB LAYOUT

**ADAM TECH**

909 Railway Avenue, Union, NJ 07083  
Phone: 908-687-5000 Fax: 908-687-5710

TITLE: 1.0mm WIRE TO BOARD WAFER SMT  
TOP ENTRY

|                                                                                                                |  |            |  |                                                                             |  |                                  |  |
|----------------------------------------------------------------------------------------------------------------|--|------------|--|-----------------------------------------------------------------------------|--|----------------------------------|--|
| UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS ARE INCHES [MM]<br>TOLERANCES: EXCEPT AS NOTED<br>INCHES<br>HOLES |  |            |  | <b>ADAM TECH</b>                                                            |  |                                  |  |
| .X ± .10 ØX ± .10<br>.XX ± .020 ØXX ± .015<br>.XXX ± .015 ØXXX ± .010                                          |  |            |  | 909 Rahway Avenue, Union, NJ 07083<br>Phone: 908-687-5000 Fax: 908-687-5710 |  |                                  |  |
| APPROVALS                                                                                                      |  |            |  | TITLE<br>1.0mm WIRE TO BOARD WAFER SMT<br>TOP ENTRY                         |  |                                  |  |
| DRAWN                                                                                                          |  | BW         |  | 01/17/07                                                                    |  |                                  |  |
| CHECKED                                                                                                        |  |            |  |                                                                             |  | SIZE PART NO.<br>1SH-A-XX-TS-SMT |  |
| APPROVED                                                                                                       |  |            |  |                                                                             |  | REV.<br>B                        |  |
| REF: S00016T                                                                                                   |  | SCALE: NTS |  | SHEET 1 OF 1                                                                |  |                                  |  |