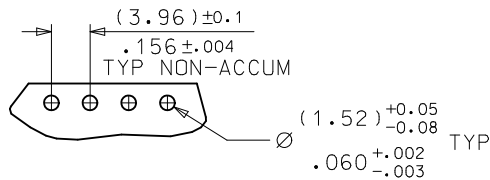
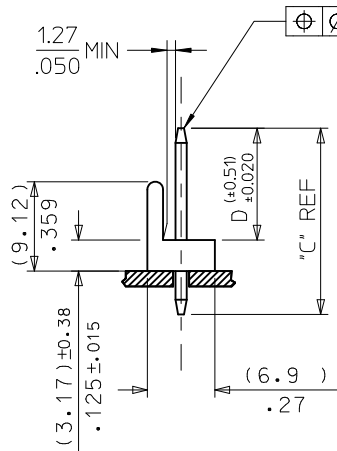
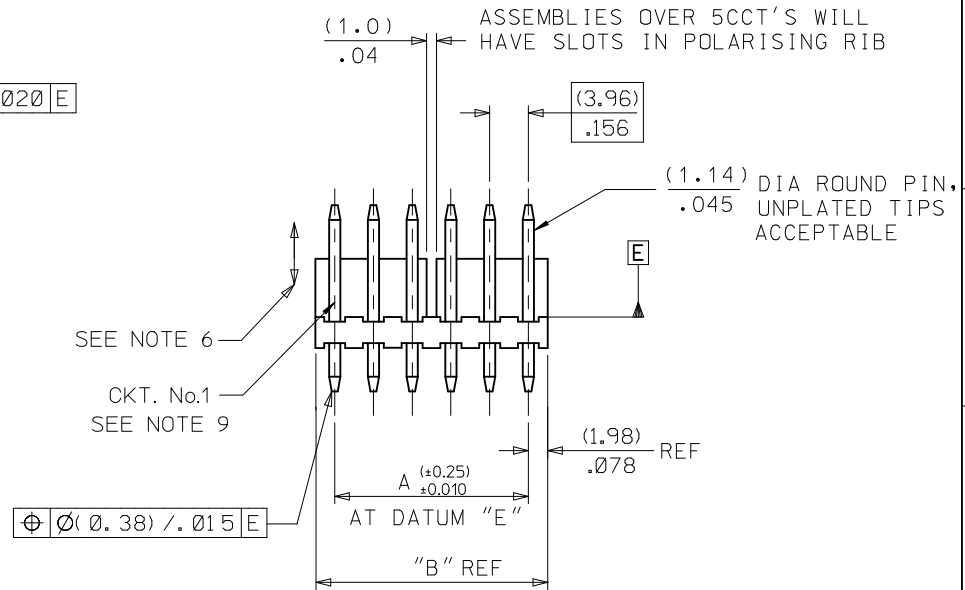


|  |             |                  |                  |                 |   |   |   |   |   |   |
|--|-------------|------------------|------------------|-----------------|---|---|---|---|---|---|
|  | 10          | 9                | 8                | 7               | 6 | 5 | 4 | 3 | 2 | 1 |
|  | ENG No:     |                  |                  | AE-3190-NA      |   |   |   |   |   |   |
|  | DIM "D"     |                  |                  | (11.43)<br>.450 |   |   |   |   |   |   |
|  | DIM "C"     |                  |                  | (19.05)<br>.750 |   |   |   |   |   |   |
|  | CCT<br>SIZE | DIM "A"          | DIM "B"          | PART No         |   |   |   |   |   |   |
|  | 2           | (3.96)<br>.156   | (7.92)<br>.312   | 26-19-2021      |   |   |   |   |   |   |
|  | 3           | (7.92)<br>.312   | (11.89)<br>.468  | 26-19-2031      |   |   |   |   |   |   |
|  | 4           | (11.89)<br>.468  | (15.85)<br>.624  | 26-19-2041      |   |   |   |   |   |   |
|  | 5           | (15.85)<br>.624  | (19.81)<br>.780  | 26-19-2051      |   |   |   |   |   |   |
|  | 6           | (19.81)<br>.780  | (23.77)<br>.936  | 26-19-2061      |   |   |   |   |   |   |
|  | 7           | (23.77)<br>.936  | (27.74)<br>1.092 | 26-19-2071      |   |   |   |   |   |   |
|  | 8           | (27.74)<br>1.092 | (31.70)<br>1.248 | 26-19-2081      |   |   |   |   |   |   |
|  | 9           | (31.70)<br>1.248 | (35.66)<br>1.404 | 26-19-2091      |   |   |   |   |   |   |
|  | 10          | (35.66)<br>1.404 | (39.62)<br>1.560 | 26-19-2101      |   |   |   |   |   |   |
|  | 11          | (39.62)<br>1.560 | (43.59)<br>1.716 | 26-19-2111      |   |   |   |   |   |   |
|  | 12          | (43.59)<br>1.716 | (47.55)<br>1.872 | 26-19-2121      |   |   |   |   |   |   |
|  | 13          | (47.55)<br>1.872 | (51.51)<br>2.028 | 26-19-2131      |   |   |   |   |   |   |
|  | 14          | (51.51)<br>2.028 | (55.47)<br>2.184 | 26-19-2141      |   |   |   |   |   |   |
|  | 15          | (55.47)<br>2.184 | (59.44)<br>2.340 | 26-19-2151      |   |   |   |   |   |   |
|  | 16          | (59.44)<br>2.340 | (63.40)<br>2.496 | 26-19-2161      |   |   |   |   |   |   |
|  | 17          | (63.40)<br>2.496 | (67.36)<br>2.652 | 26-19-2171      |   |   |   |   |   |   |
|  | 18          | (67.36)<br>2.652 | (71.32)<br>2.808 | 26-19-2181      |   |   |   |   |   |   |
|  | 19          | (71.32)<br>2.808 | (75.29)<br>2.964 | 26-19-2191      |   |   |   |   |   |   |
|  | 20          | (75.29)<br>2.964 | (79.25)<br>3.120 | 26-19-2201      |   |   |   |   |   |   |



RECOMMENDED PCB HOLE DIMENSIONS



#### NOTES:

1. MATERIAL: HOUSING: NYLON, UL94V-2, COLOR: NATURAL  
PINS: BRASS
2. FINISH: (0.00254)/.000100 MIN. MATTE TIN OVER  
(0.00127)/.000050 MIN. NICKEL  
UNPLATED TIPS ACCEPTABLE
3. PRODUCT SPECIFICATION: PS-99020-0087
4. PACKAGING SPECIFICATION: PER PK-3190-001
5. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF  
COSMETIC SPECIFICATION PS-45499-002.
6. PIN PUSHOUT FORCE 3 LBS MIN.
7. PIN MUST CONFORM TO MOLEX SOLDERABILITY SPEC  
SMES-152 AFTER PLATING.
8. RECOMMENDED PCB BOARD 1.6MM
9. CIRCUIT 1 USED TO DEFINE VOID LOCATION. CIRCUIT 1  
MAY OR MAY NOT ALIGN WITH CIRCUIT 1 OF THE MATING PART.

|                                                                                                                       |                                         |                                                            |                          |                       |                                                                                                                                  |                        |                                          |  |
|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------------------|--------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------------|--|
| REVISE NOTE 2<br>EC NO: UCP2012-1821<br>DRAWN:MMSTROH 2011/11/29<br>CHKD:KK/PPER 2011/12/02<br>APPR:FSMITH 2012/02/02 | QUALITY<br>SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   | DIMENSION STYLE<br>MM/IN |                       | SCALE<br>2:1                                                                                                                     | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION                |  |
|                                                                                                                       |                                         |                                                            | mm                       | INCH                  | DRAWN BY<br>T.MOHON                                                                                                              | DATE<br>1998/10/02     | WAVER POL KK .156<br>FOR .045 ROUND PINS |  |
|                                                                                                                       |                                         |                                                            | 4 PLACES ± --- ± ---     | 3 PLACES ± --- ± .010 | CHECKED BY<br>M.GOONEY                                                                                                           | DATE<br>1998/10/02     |                                          |  |
|                                                                                                                       |                                         |                                                            | 2 PLACES ± 0.25 ± .014   | 1 PLACE ± 0.35 ± ---  | APPROVED BY<br>MWILHITE                                                                                                          | DATE<br>1998/10/02     | MOLEX MOLEX INCORPORATED                 |  |
| AD                                                                                                                    | REV                                     | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS | ANGULAR ±1/2°            |                       | MATERIAL NO.<br>SEE CHART                                                                                                        |                        | DOCUMENT NO.<br>SDAE-3190-N**            |  |
|                                                                                                                       |                                         |                                                            | SIZE<br>B                |                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        | SHEET NO.<br>1 OF 2                      |  |