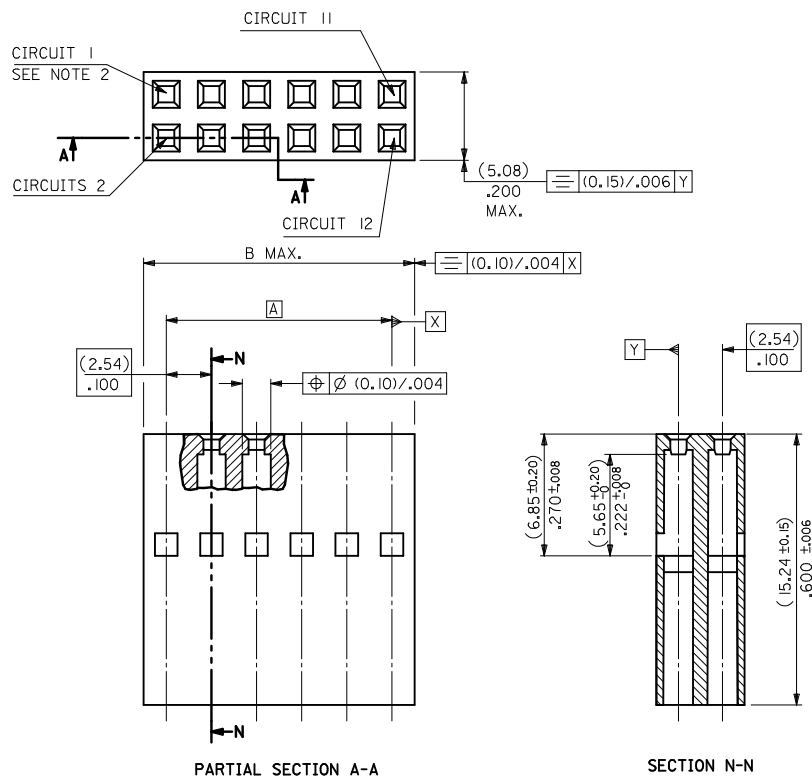
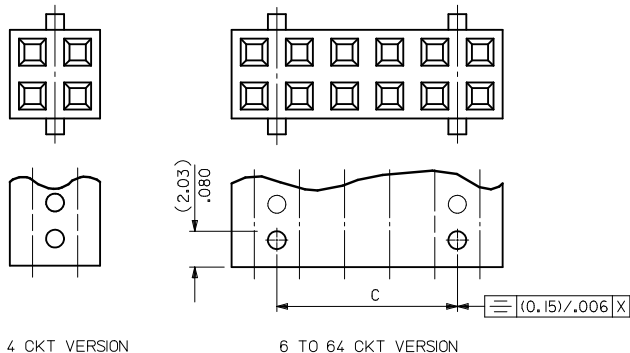




**NO POLARISING BUTTON VERSION**  
(90143-0\*\* VERSION)



**POLARISING BUTTON VERSION**  
(90143-1\*\* VERSION)

| NO. OF CKTS | PART NUMBER |              | DIM A         | DIM B         | DIM C         |
|-------------|-------------|--------------|---------------|---------------|---------------|
|             | NO BUTTONS  | WITH BUTTONS |               |               |               |
| 4           | 90143-0004  | 90143-0104   | (2.54)/0.100  | (5.08)/0.200  | ---           |
| 6           | 90143-0006  | 90143-0106   | (5.08)/0.200  | (7.62)/0.300  | (2.54)/0.100  |
| 8           | 90143-0008  | 90143-0108   | (7.62)/0.300  | (10.16)/0.400 | (5.08)/0.200  |
| 10          | 90143-0010  | 90143-0110   | (10.16)/0.400 | (12.70)/0.500 | (7.62)/0.300  |
| 12          | 90143-0012  | 90143-0112   | (12.70)/0.500 | (15.24)/0.600 | (10.16)/0.400 |
| 14          | 90143-0014  | 90143-0114   | (15.24)/0.600 | (17.78)/0.700 | (12.70)/0.500 |
| 16          | 90143-0016  | 90143-0116   | (17.78)/0.700 | (20.32)/0.800 | (15.24)/0.600 |
| 18          | 90143-0018  | 90143-0118   | (20.32)/0.800 | (22.86)/0.900 | (17.78)/0.700 |
| 20          | 90143-0020  | 90143-0120   | (22.86)/0.900 | (25.40)/1.000 | (20.32)/0.800 |
| 22          | 90143-0022  | 90143-0122   | (25.40)/1.000 | (27.94)/1.100 | (22.86)/0.900 |
| 24          | 90143-0024  | 90143-0124   | (27.94)/1.100 | (30.48)/1.200 | (25.40)/1.000 |
| 26          | 90143-0026  | 90143-0126   | (30.48)/1.200 | (33.02)/1.300 | (27.94)/1.100 |
| 28          | 90143-0028  | 90143-0128   | (33.02)/1.300 | (35.56)/1.400 | (30.48)/1.200 |
| 30          | 90143-0030  | 90143-0130   | (35.56)/1.400 | (38.10)/1.500 | (33.02)/1.300 |
| 32          | 90143-0032  | 90143-0132   | (38.10)/1.500 | (40.64)/1.600 | (35.56)/1.400 |
| 34          | 90143-0034  | 90143-0134   | (40.64)/1.600 | (43.18)/1.700 | (38.10)/1.500 |
| 36          | 90143-0036  | 90143-0136   | (43.18)/1.700 | (45.72)/1.800 | (40.64)/1.600 |
| 38          | 90143-0038  | 90143-0138   | (45.72)/1.800 | (48.26)/1.900 | (43.18)/1.700 |
| 40          | 90143-0040  | 90143-0140   | (48.26)/1.900 | (50.80)/2.000 | (45.72)/1.800 |
| 42          | 90143-0042  | 90143-0142   | (50.80)/2.000 | (53.34)/2.100 | (48.26)/1.900 |
| 44          | 90143-0044  | 90143-0144   | (53.34)/2.100 | (55.88)/2.200 | (50.80)/2.000 |
| 46          | 90143-0046  | 90143-0146   | (55.88)/2.200 | (58.42)/2.300 | (53.34)/2.100 |
| 48          | 90143-0048  | 90143-0148   | (58.42)/2.300 | (60.96)/2.400 | (55.88)/2.200 |
| 50          | 90143-0050  | 90143-0150   | (60.96)/2.400 | (63.50)/2.500 | (58.42)/2.300 |
| 52          | 90143-0052  | 90143-0152   | (63.50)/2.500 | (66.04)/2.600 | (60.96)/2.400 |
| 54          | 90143-0054  | 90143-0154   | (66.04)/2.600 | (68.58)/2.700 | (63.50)/2.500 |
| 56          | 90143-0056  | 90143-0156   | (68.58)/2.700 | (71.12)/2.800 | (66.04)/2.600 |
| 58          | 90143-0058  | 90143-0158   | (71.12)/2.800 | (73.66)/2.900 | (68.58)/2.700 |
| 60          | 90143-0060  | 90143-0160   | (73.66)/2.900 | (76.20)/3.000 | (71.12)/2.800 |
| 62          | 90143-0062  | 90143-0162   | (76.20)/3.000 | (78.74)/3.100 | (73.66)/2.900 |
| 64          | 90143-0064  | 90143-0164   | (78.74)/3.100 | (81.28)/3.200 | (76.20)/3.000 |

**NOTES:**

1. MATERIAL: POLYPHENYLENE OXIDE 94 VI COLOUR BLACK.
2. I2 CIRCUIT PART SHOWN AS EXAMPLE
3. PRODUCT SPECIFICATION: PS-99020-0001

90143 - \* \* \* \*  
 INDICATES No. OF CIRCUITS  
 INDICATES No. OF POLARISING BUTTONS  
 0 -- NO BUTTONS  
 1 -- WITH BUTTONS (4 CKT - 2 BUTTONS)  
 (6 TO 64 CKT - 4 BUTTONS)  
 INDICATES HOUSING TYPE  
 0 -- INDICATES NO VOIDED CIRCUITS

|                                                                                                                                                  |             |     |                 |                                       |                                                            |                            |                           |              |                                                                                                                                  |                                        |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----|-----------------|---------------------------------------|------------------------------------------------------------|----------------------------|---------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--|
| OBS VOID OPTIONS PER<br>GEM-00002348<br>EC NO.: S2012-0731<br>DRAWN AT SEE<br>CHKD:SKANG<br>APPR:MLONG<br>2012/03/28<br>2012/05/15<br>2012/05/15 | DESCRIPTION | REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                            | DIMENSION STYLE<br>MM ONLY |                           | SCALE<br>5:1 | DESIGN UNITS<br>METRIC                                                                                                           | THIRD ANGLE<br>PROJECTION              |  |
|                                                                                                                                                  |             |     |                 |                                       | mm                                                         | INCH                       | DRAWN BY                  | DATE         | TITLE                                                                                                                            |                                        |  |
|                                                                                                                                                  |             |     |                 | ▽=0                                   | 4 PLACES                                                   | ± ---                      | ± ---                     | DB           | 1987/10/06                                                                                                                       | C-GRID MODR CRP HSG<br>DR W/O POL BTTN |  |
|                                                                                                                                                  |             |     |                 | ▽=0                                   | 3 PLACES                                                   | ± ---                      | ± ---                     | CHECKED BY   | DATE                                                                                                                             |                                        |  |
|                                                                                                                                                  |             |     |                 |                                       | 2 PLACES                                                   | ± ---                      | ± .004                    | GMCSWEENEY   | 2005/08/31                                                                                                                       |                                        |  |
|                                                                                                                                                  |             |     |                 |                                       | 1 PLACE                                                    | ± 0.1                      | ± ---                     | APPROVED BY  | DATE                                                                                                                             |                                        |  |
|                                                                                                                                                  |             |     |                 |                                       | ANGULAR ± 2 °                                              |                            | JDENNEY                   | 2005/08/31   |                                                                                                                                  |                                        |  |
|                                                                                                                                                  |             |     |                 |                                       | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                            | MATERIAL NO.<br>SEE CHART |              | DOCUMENT NO.<br>SD-90143                                                                                                         |                                        |  |
|                                                                                                                                                  |             |     |                 |                                       |                                                            |                            | SIZE<br>A2                |              | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                        |  |
|                                                                                                                                                  |             |     |                 |                                       |                                                            |                            |                           |              | SHEET NO.<br>1 OF 1                                                                                                              |                                        |  |