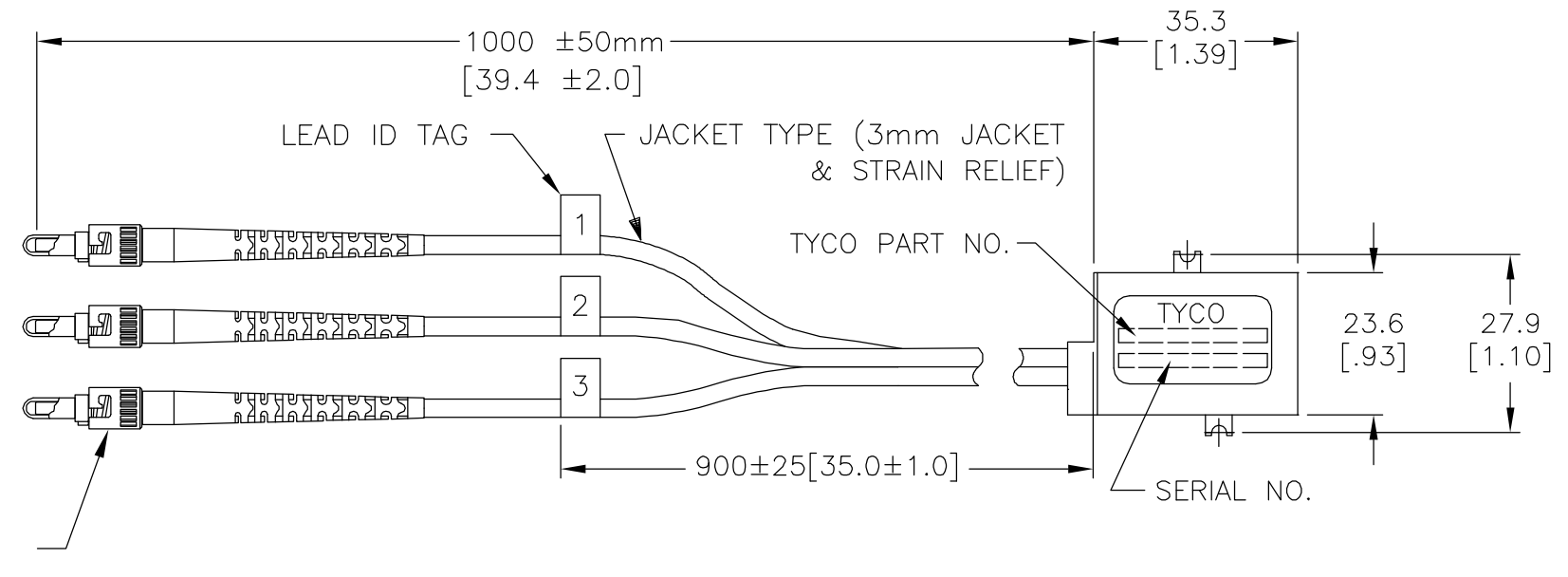
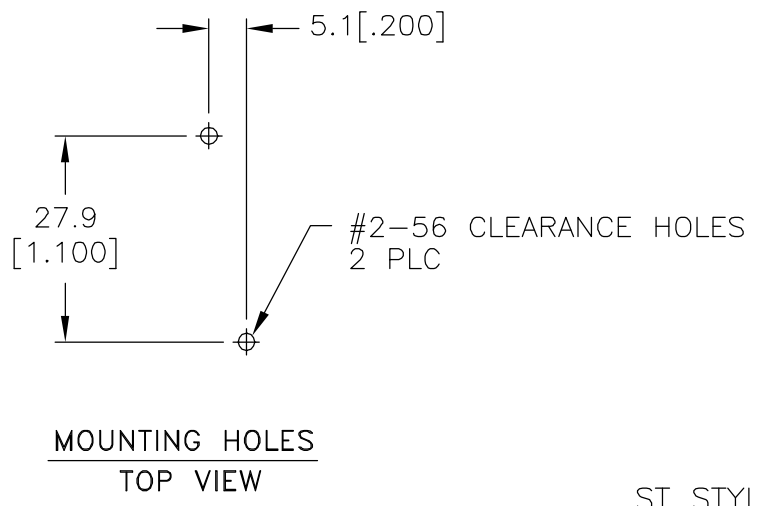
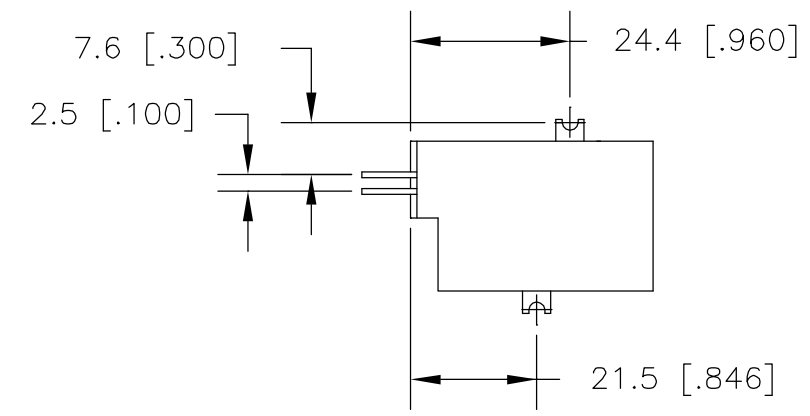
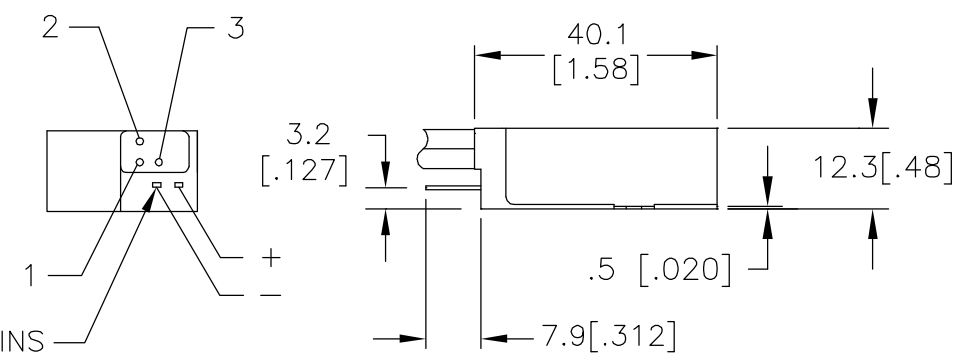


THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------|---------|-----|------|
| EA | 51 | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | | | 2 | UPDATE | 04DEC06 | SM | RP |



| PART NO. | FIBER TYPE |
|-----------|--------------|
| 5099427-1 | 50/125/250 |
| 5099427-2 | 62.5/125/250 |



- NOTES:
- DIMENSIONS IN [] ARE IN INCHES.
 - PERFORMANCE SPECIFICATIONS
 TESTED PER FOTP-34 METHOD A2
 INSERTION LOSS DATA INCLUDES TWO CONNECTED PAIRS
 INSERTION LOSS POWER OFF, FIBER 2 TO 1 1.8dB MAX
 POWER ON, FIBER 2 TO 3 1.8dB MAX

 OPTICAL CROSSTALK </=-45dB MAX PER FOTP-42
 OPERATING WAVELENGTH 750 TO 1450nm
 TESTED WAVELENGTH 1300nm
 POWER REQUIREMENTS 4.0 TO 5.5 VOLTS, 80ma MAX AT 5.0 VOLTS
 SWITCHING SPEED 10 MILLISECONDS MAX
 - THIS PRODUCT HAS NOT COMPLETED VALIDATION TESTING.

PRELIMINARY

| | | | | | | | | | | | | | | | | |
|---|-------|-----------------------------|---|-----------------|-------|-------|-----|-------|-----|-------|-----|--------|------|----------------|-----------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN S. MONGOLD 05DEC05 | Tyco Electronics Corporation Harrisburg, PA 17105-3608 | | | | | | | | | | | | | |
| DIMENSIONS: mm [INCHES] | | CHK R. PAUL 05DEC05 | | | | | | | | | | | | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD F. ABENDSCHEIN 05DEC05 | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>0 PLC</td> <td>± -</td> </tr> <tr> <td>1 PLC</td> <td>± 0.5</td> </tr> <tr> <td>2 PLC</td> <td>± -</td> </tr> <tr> <td>3 PLC</td> <td>± -</td> </tr> <tr> <td>4 PLC</td> <td>± -</td> </tr> <tr> <td>ANGLES</td> <td>± 2'</td> </tr> </table> | | 0 PLC | ± - | 1 PLC | ± 0.5 | 2 PLC | ± - | 3 PLC | ± - | 4 PLC | ± - | ANGLES | ± 2' | PRODUCT SPEC - | NAME SWII 1X2 GOLD (STRAIGHT PIN) | |
| 0 PLC | ± - | | | | | | | | | | | | | | | |
| 1 PLC | ± 0.5 | | | | | | | | | | | | | | | |
| 2 PLC | ± - | | | | | | | | | | | | | | | |
| 3 PLC | ± - | | | | | | | | | | | | | | | |
| 4 PLC | ± - | | | | | | | | | | | | | | | |
| ANGLES | ± 2' | | | | | | | | | | | | | | | |
| MATERIAL - | | FINISH - | APPLICATION SPEC - | RESTRICTED TO - | | | | | | | | | | | | |
| | | WEIGHT - | SIZE A3 | CAGE CODE 00779 | | | | | | | | | | | | |
| CUSTOMER DRAWING | | | DRAWING NO C=5099427 | RESTRICTED TO - | | | | | | | | | | | | |
| | | | SCALE 1:1 | SHEET 1 OF 1 | | | | | | | | | | | | |
| | | | REV 2 | | | | | | | | | | | | | |