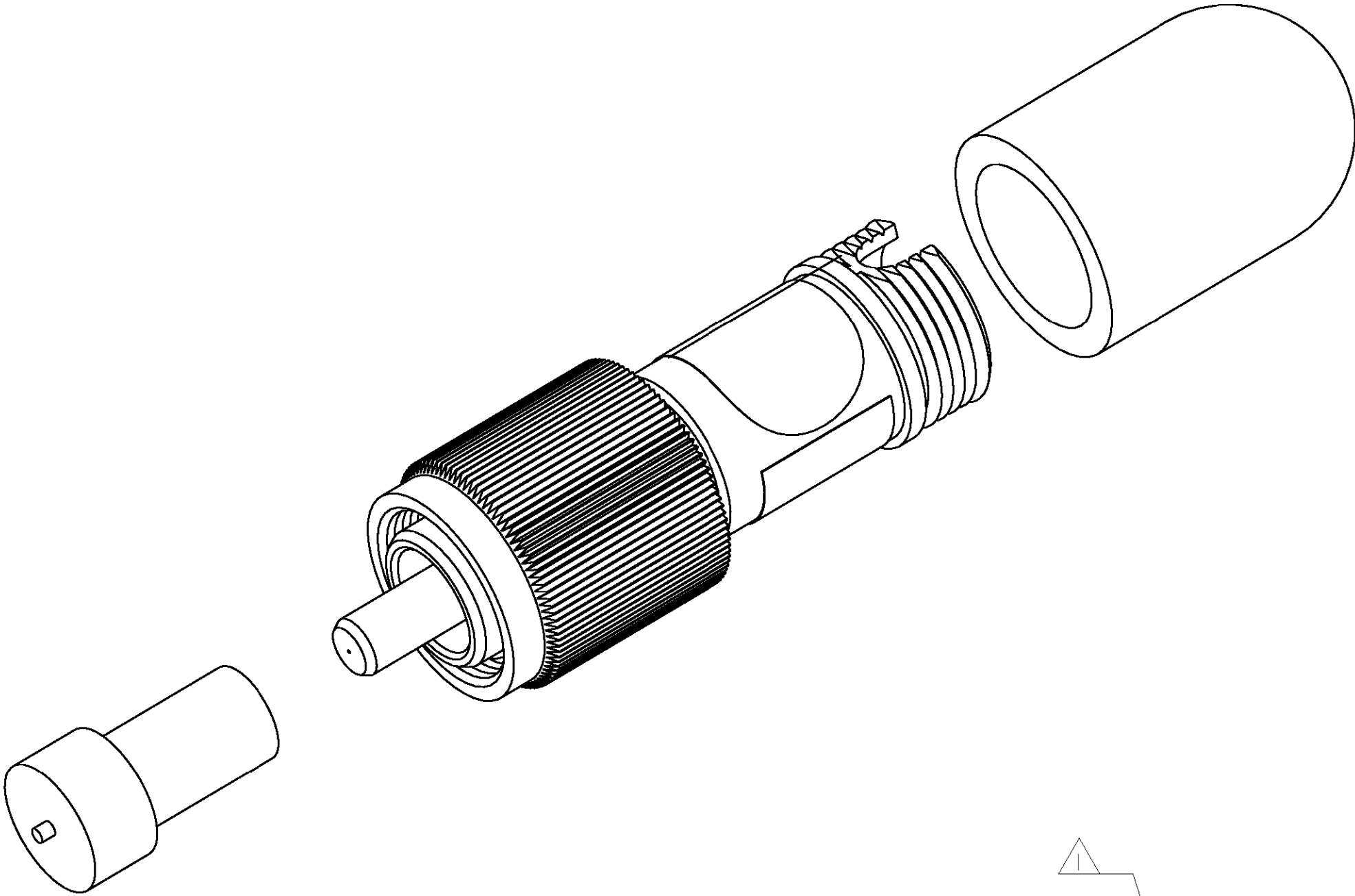
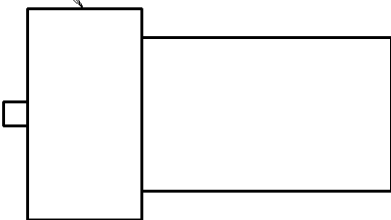


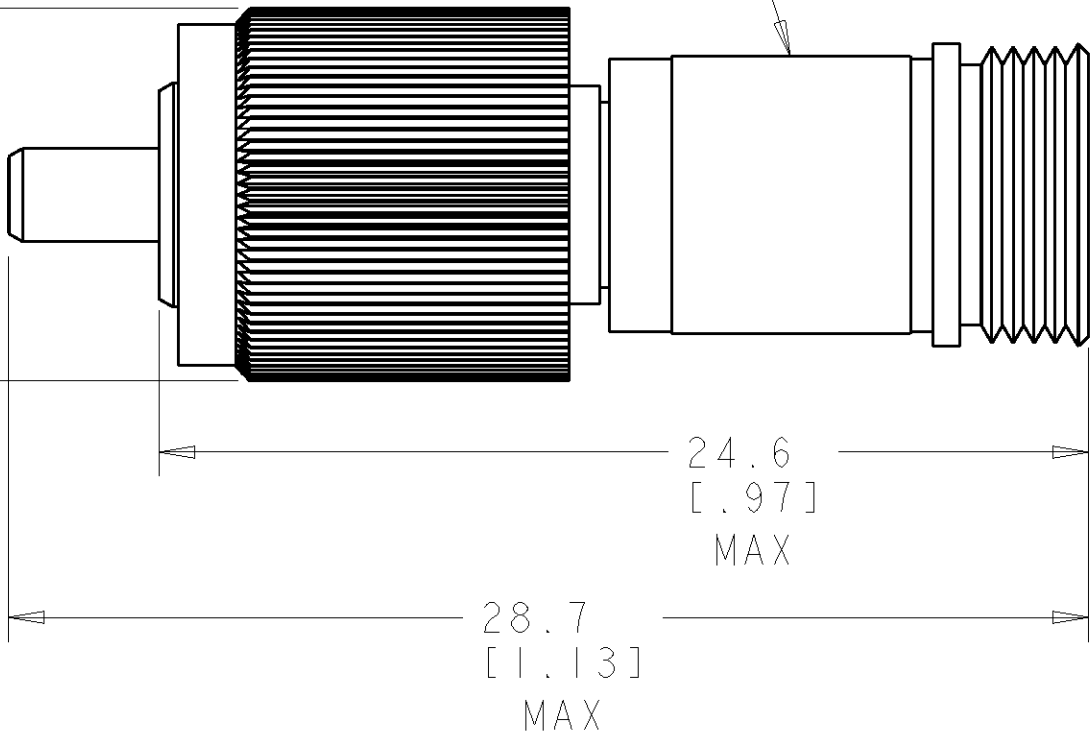
| LOC | DIST | REVISIONS |     |               |           |     |      |
|-----|------|-----------|-----|---------------|-----------|-----|------|
| CE  | 00   | P         | LTR | DESCRIPTION   | DATE      | DWN | APVD |
|     |      |           | B   | ECR-06-029231 | 23MAR2007 | EJH | SB   |
|     |      |           |     |               |           |     |      |
|     |      |           |     |               |           |     |      |
|     |      |           |     |               |           |     |      |



PROTECTIVE COVER



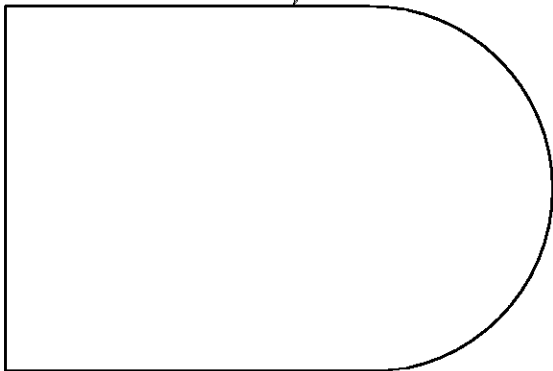
9.9  
[.39]  
MAX



24.6  
[.97]  
MAX

28.7  
[1.13]  
MAX

PROTECTIVE CAP



| NOMINAL ATTENUATION<br>VALUE (dB) | PART<br>NUMBER |
|-----------------------------------|----------------|
| 1                                 | 5209948-1      |
| 2                                 | 5209948-2      |
| 3                                 | 5209948-3      |
| 4                                 | 5209948-4      |
| 5                                 | 5209948-5      |
| 6                                 | 5209948-6      |
| 7                                 | 5209948-7      |
| 8                                 | 5209948-8      |
| 9                                 | 5209948-9      |
| 10                                | 1-5209948-0    |
| 12                                | 1-5209948-2    |
| 13                                | 1-5209948-3    |
| 14                                | 1-5209948-4    |
| 15                                | 1-5209948-5    |
| 18                                | 1-5209948-8    |
| 20                                | 2-5209948-0    |
| 25                                | 2-5209948-5    |

PERFORMANCE REQUIREMENTS:  
OPERATING WAVELENGTH : 1310/1550nm ±25nm  
REFLECTANCE : ≤ -55dB  
OPERATING TEMPERATURE : -40°C TO 75°C  
ATTENUATION TOLERANCE, AMBIENT :  
FOR ATTENUATORS ≥5dB: ±10% OF NOMINAL ATTENUATION VALUE  
FOR ATTENUATORS <5dB: ±.50dB  
MEASURED WITH REFERENCE QUALITY LAUNCH LEADS

△ TYCO LOGO, ATTENUATION VALUE, PART NUMBER,  
AND SERIAL NUMBER ARE PRINTED ON THE LABEL

|                                                                                                                                                                                                |  |                                                                            |                                     |                                                                      |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION<br>IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION<br>SHOULD BE CONTACTED FOR THE LATEST REVISION. |  | DWN<br>E. HOPKINS<br>CHK<br>E. HOPKINS<br>APVD<br>S. BUCHTER               | 19DEC2005<br>19DEC2005<br>19DEC2005 | tyco<br>Electronics<br>Tyco Electronics<br>Harrisburg, PA 17105-3608 |  |
| DIMENSIONS:<br>mm[INCHES]                                                                                                                                                                      |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                  |                                     | NAME<br>ATTENUATOR, OPTICAL, BUILDOUT<br>FC/UPC, SM, DUAL WINDOW     |  |
|                                                                                                                                                                                                |  | 0 PLC ±<br>1 PLC ±<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±2<br>FINISH |                                     | PRODUCT SPEC<br>-<br>APPLICATION SPEC<br>-<br>WEIGHT<br>-            |  |
|                                                                                                                                                                                                |  | MATERIAL<br>-                                                              |                                     | SIZE<br>A2                                                           |  |
| CUSTOMER DRAWING                                                                                                                                                                               |  | SCALE<br>5:1                                                               |                                     | SHEET<br>1 OF 1                                                      |  |
|                                                                                                                                                                                                |  |                                                                            |                                     | REV<br>B                                                             |  |