


DETAIL A
SCALE 1.5 : 1

- NOTES :**
- 1) ALL PORTS ARE 5/125 PM FIBER
 - 2) PACKAGE SIZE MAY BE 70mm OR 54mm

| ALL DIMENSIONS ARE IN INCHES | | A | N/A | ORIGINAL ISSUE | C.M. | 26-AUG-2020 | | | | | | | | | | | | | | | | |
|---|----------------|--|----------|--|----------------|-------------|-----------------|----------------|-----|--------------|-----|------------|------------|-------|-------|---------|------|-----------------|--|--|----------|--|
| REV. | ECR REF# | REV. | ECR REF# | DESCRIPTION | ENG. BY | DATE | | | | | | | | | | | | | | | | |
| | | | | UNLESS NOTED OTHERWISE, DIMENSIONS ARE IN INCHES, MILLIMETERS ARE IN SQUARE BRACKETS, AND TOLERANCES APPLY AS SHOWN BELOW. | | | | | | | | | | | | | | | | | | |
| DRAWN BY: P. Summers | | DATE: 8/26/2020 | |  219 WESTBROOK ROAD OTTAWA, ONTARIO CANADA K0A 1L0 www.ozoptics.com | PART BARCODE # | | | | | | | | | | | | | | | | | |
| CHECKED BY: | | DATE: | | | 46643 | | | | | | | | | | | | | | | | | |
| M/S CHECKED BY: | | DATE: | | | | | | | | | | | | | | | | | | | | |
| APVD BY: | | DATE: | | | | | | | | | | | | | | | | | | | | |
| PROJECTION: | | <table border="1"> <thead> <tr> <th colspan="3">INCHES</th> </tr> <tr> <th>BASIC DIMENSION</th> <th colspan="2">DECIMAL PLACES</th> </tr> </thead> <tbody> <tr> <td>BELOW 4</td> <td>.XX</td> <td>.XXX</td> </tr> <tr> <td>OVER 4</td> <td>±.01</td> <td>±.005</td> </tr> <tr> <td></td> <td>±.02</td> <td>±.01</td> </tr> </tbody> </table> | | INCHES | | | BASIC DIMENSION | DECIMAL PLACES | | BELOW 4 | .XX | .XXX | OVER 4 | ±.01 | ±.005 | | ±.02 | ±.01 | DESC: FUSED 2x2 FIBER SPLITTER FOR 780nm, 50/50 SPLIT RATIO IN SLOW AXES OF PM FIBERS 1 METER LONG, 900µm OD JACKETED 5/125µm PM FIBER PIGTAILS, TERMINATED WITH ANGLED FC/APC CONNECTORS ALIGNED AND LOCKED TO THE SLOW PM FIBER AXES ON ALL ENDS | | PART NO. | |
| INCHES | | | | | | | | | | | | | | | | | | | | | | |
| BASIC DIMENSION | DECIMAL PLACES | | | | | | | | | | | | | | | | | | | | | |
| BELOW 4 | .XX | .XXX | | | | | | | | | | | | | | | | | | | | |
| OVER 4 | ±.01 | ±.005 | | | | | | | | | | | | | | | | | | | | |
| | ±.02 | ±.01 | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th colspan="3">MILLIMETERS</th> </tr> <tr> <th>BASIC DIMENSION</th> <th colspan="2">DECIMAL PLACES</th> </tr> </thead> <tbody> <tr> <td>BELOW 101.6</td> <td>.X</td> <td>.XX</td> </tr> <tr> <td>OVER 101.6</td> <td>±.25</td> <td>±.10</td> </tr> <tr> <td></td> <td>±.50</td> <td>±.20</td> </tr> </tbody> </table> | | MILLIMETERS | | | BASIC DIMENSION | DECIMAL PLACES | | BELOW 101.6 | .X | .XX | OVER 101.6 | ±.25 | ±.10 | | ±.50 | ±.20 | FUSED-22-780-5/125-50/50-3A3A3A3A-1-1-PM | | REV A | |
| MILLIMETERS | | | | | | | | | | | | | | | | | | | | | | |
| BASIC DIMENSION | DECIMAL PLACES | | | | | | | | | | | | | | | | | | | | | |
| BELOW 101.6 | .X | .XX | | | | | | | | | | | | | | | | | | | | |
| OVER 101.6 | ±.25 | ±.10 | | | | | | | | | | | | | | | | | | | | |
| | ±.50 | ±.20 | | | | | | | | | | | | | | | | | | | | |
| CONFIDENTIAL THIS PRINT IS THE EXCLUSIVE PROPERTY OF OZ OPTICS AND MUST BE RETURNED UPON REQUEST. UNAUTHORIZED USE, MANUFACTURE OR REPRODUCTION IN WHOLE OR IN PART IS PROHIBITED. | | <table border="1"> <thead> <tr> <th colspan="3">ANGULAR DIMENSIONS</th> </tr> <tr> <th>BASIC DIMENSION</th> <th colspan="2">DECIMAL PLACES</th> </tr> </thead> <tbody> <tr> <td>ALL ANGLES</td> <td>X</td> <td>X.X</td> </tr> <tr> <td></td> <td>±2.5°</td> <td>±0.5°</td> </tr> </tbody> </table> | | ANGULAR DIMENSIONS | | | BASIC DIMENSION | DECIMAL PLACES | | ALL ANGLES | X | X.X | | ±2.5° | ±0.5° | SIZE: B | | DWG.# 4000-0532 | | | | |
| ANGULAR DIMENSIONS | | | | | | | | | | | | | | | | | | | | | | |
| BASIC DIMENSION | DECIMAL PLACES | | | | | | | | | | | | | | | | | | | | | |
| ALL ANGLES | X | X.X | | | | | | | | | | | | | | | | | | | | |
| | ±2.5° | ±0.5° | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th colspan="2">SURFACE FINISH</th> </tr> <tr> <th>MILLED</th> <th>PROFILED</th> </tr> </thead> <tbody> <tr> <td>125u</td> <td>63u</td> </tr> </tbody> </table> | | SURFACE FINISH | | MILLED | PROFILED | 125u | 63u | SHEET 1 OF 1 | | SCALE: 1:2 | | | | | | | | | | |
| SURFACE FINISH | | | | | | | | | | | | | | | | | | | | | | |
| MILLED | PROFILED | | | | | | | | | | | | | | | | | | | | | |
| 125u | 63u | | | | | | | | | | | | | | | | | | | | | |