

# Scan Report

## Multi Fiber - MT-12



Date & Time of Scan: Thu, Aug 15, 2019 11:41 PM Connector ID: mt12 Username: admin



Result: PASS

### PASS/FAIL MEASUREMENTS

| Parameter                 | Min          | Max  | Value     | Result |
|---------------------------|--------------|------|-----------|--------|
| X ROC (mm)                | Convex: 2000 |      | 19009.944 | Pass   |
| Y ROC (mm)                | 5            |      | 296.164   | Pass   |
| X Endface Angle (deg)     | -0.15        | 0.15 | -0.089    | Pass   |
| Y Endface Angle (deg)     | -0.2         | 0.2  | 0.101     | Pass   |
| Fiber Plane Angle X (deg) | -0.15        | 0.15 | -0.09     | Pass   |
| Fiber Plane Angle Y (deg) | -0.2         | 0.2  | 0.101     | Pass   |
| Minus Coplanarity (um)    |              | 0.4  | 0.019     | Pass   |
| Geometry Limit            |              | 17.4 | N/A       | Pass   |

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Operator ID:  
 Operator1

#### Sample Parameters

Sample Name:  
 MT-12

Product Type:  
 Standard Connector

Nominal Y-Angle:  
 0

Fiber Count:  
 12

Fiber Diameter:  
 126

Ferrule Count:  
 0

Ferrule Type:  
 Glass

Fiber Pitch:  
 250

Fibers Per Row:  
 12

Row Pitch:  
 0

### FIBER MEASUREMENTS

| No. | Height (um)     | Core Dip (um) | ROC (mm)    | Adjacent Fiber Height Differential(um) |
|-----|-----------------|---------------|-------------|--|
|     | Min 1   Max 3.5 | Min   Max     | Min 1   Max | Min 0   Max 0.3                        |
| 1   | 1.519           | 0.04          | N/A         | 0.002                                  |
| 2   | 1.517           | 0.033         | N/A         | 0.007                                  |
| 3   | 1.523           | 0.039         | N/A         | 0.007                                  |
| 4   | 1.518           | 0.031         | N/A         | 0.024                                  |
| 5   | 1.542           | 0.034         | N/A         | 0.024                                  |
| 6   | 1.546           | 0.036         | N/A         | 0.011                                  |
| 7   | 1.557           | 0.03          | N/A         | 0.011                                  |
| 8   | 1.554           | 0.027         | N/A         | 0.01                                   |
| 9   | 1.544           | 0.022         | N/A         | 0.022                                  |
| 10  | 1.566           | 0.02          | N/A         | 0.022                                  |
| 11  | 1.577           | 0.03          | N/A         | 0.019                                  |
| 12  | 1.596           | 0.031         | N/A         | 0.019                                  |