

Measurement Report

Name:	1
Date & Time:	6/14/2021 5:33:22 PM
Task name:	MTTest12-APC
Scan quality:	Ok
Device SN, Fixture SN:	QUANTUM 40024, 4250042
Connector ID:	
Customer:	
Technician:	Boston Training Center
Company:	Sumix
Core dip algorithm:	Parabolic
Fitting regions:	L=2900μm; H=675μm; E=140μm; F=50μm; CumA=20%; Top=3%
Pass/Fail standard:	IEC 61755-3-31
Calculation standard:	IEC 61300-3-30/Ed2

PASS

FERRULE

Measurement Parameter	Units	Pass/Fail Limits		Measured Value	Verdict
		Min	Max		
Ferrule Radius of Curvature X	mm	-10000.00*	2000.00*	4207.50	PASS
Ferrule Radius of Curvature Y	mm	5.00		204.56	PASS
Tilt Angle X	°	-0.1500	0.1500	-0.0063	PASS
Tilt Angle Y	°	7.8000	8.2000	7.9917	PASS
Dome Height	nm			357.33	N/A
Geometry Limit			17.4000	2.4600	PASS

* - Pass value must be less than Min and greater than Max

FIBER HEIGHT LIMITS

Measurement Parameter	Units	Pass/Fail Limits		Measured Value	Verdict
		Min	Max		
Max-Min	nm			261	N/A
Max Adj Diff	nm	0	300	107	PASS
Minus Coplanarity	nm	0.0	400.0	137.8	PASS
Coplanarity Plane Angle X	°			0.0370	N/A

FIBERS

Measurement Parameter	Units	Pass/Fail Limits		Fiber Number / Measured Value / Verdict											
		Min	Max	1	2	3	4	5	6	7	8	9	10	11	12
Height	nm	1000	3500	2520	2578	2609	2621	2650	2657	2652	2630	2598	2569	2502	2396
ROC	mm	1.00		1.11	1.17	1.18	1.17	1.19	1.21	1.23	1.20	1.21	1.23	1.21	1.21
Core Dip	nm			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

3D Surface

