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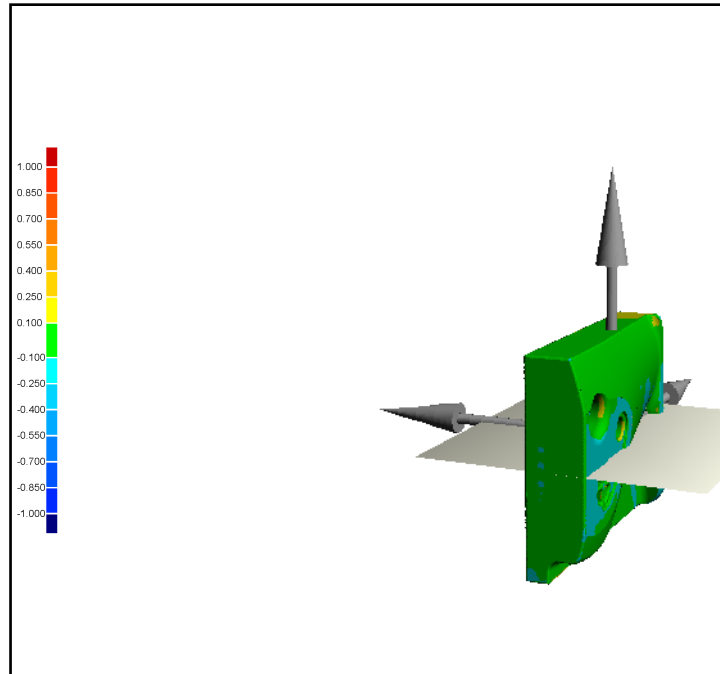
Qualify Report

Title: Sample Analysis
Date Inspected: 8/19/2009
Date Generated: 8/19/2009, 11:07 am

left mouse to
rotate

right mouse to
scale

both buttons to
pan



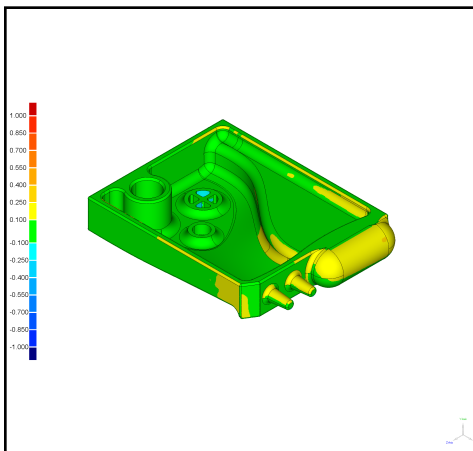
Author: LDI
Client: M.Storm
Part: Test Artifact Version 4
Test: 808-001

3D Comparison Results

Reference Model	Test Artifact Version 4
Test Model	808-001
No. of Data Points	2190785
# Outliers	386

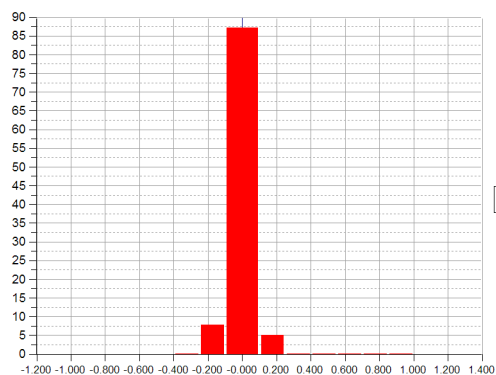
Tolerance Type	3D Deviation
Units	mm
Max. Critical	1.000
Max. Nominal	0.100
Min. Nominal	-0.100
Min. Critical	-1.000

Deviation	mm
Max. Upper Dev.	1.252
Max. Lower Dev.	-0.291
Average Deviation	0.050 /-0.058
Standard Deviation	0.070



Percentage Deviations

>=Min	<Max	# Points	%
-1.000	-0.850	0	0.000
-0.850	-0.700	0	0.000
-0.700	-0.550	0	0.000
-0.550	-0.400	0	0.000
-0.400	-0.250	18	0.001
-0.250	-0.100	171856	7.844
-0.100	0.100	1908354	87.108
0.100	0.250	109595	5.003
0.250	0.400	582	0.027
0.400	0.550	134	0.006
0.550	0.700	99	0.005
0.700	0.850	68	0.003
0.850	1.000	44	0.002

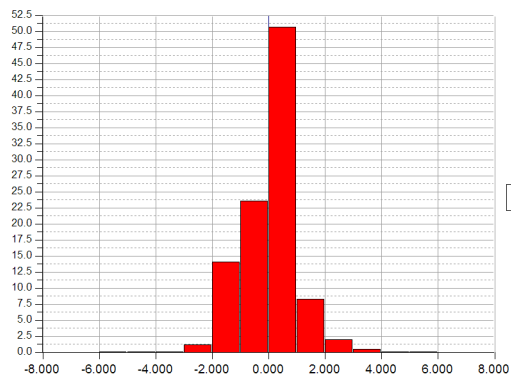


Deviation Distribution

Out of Upper Critical	35	0.002
Out of Lower Critical	0	0.000

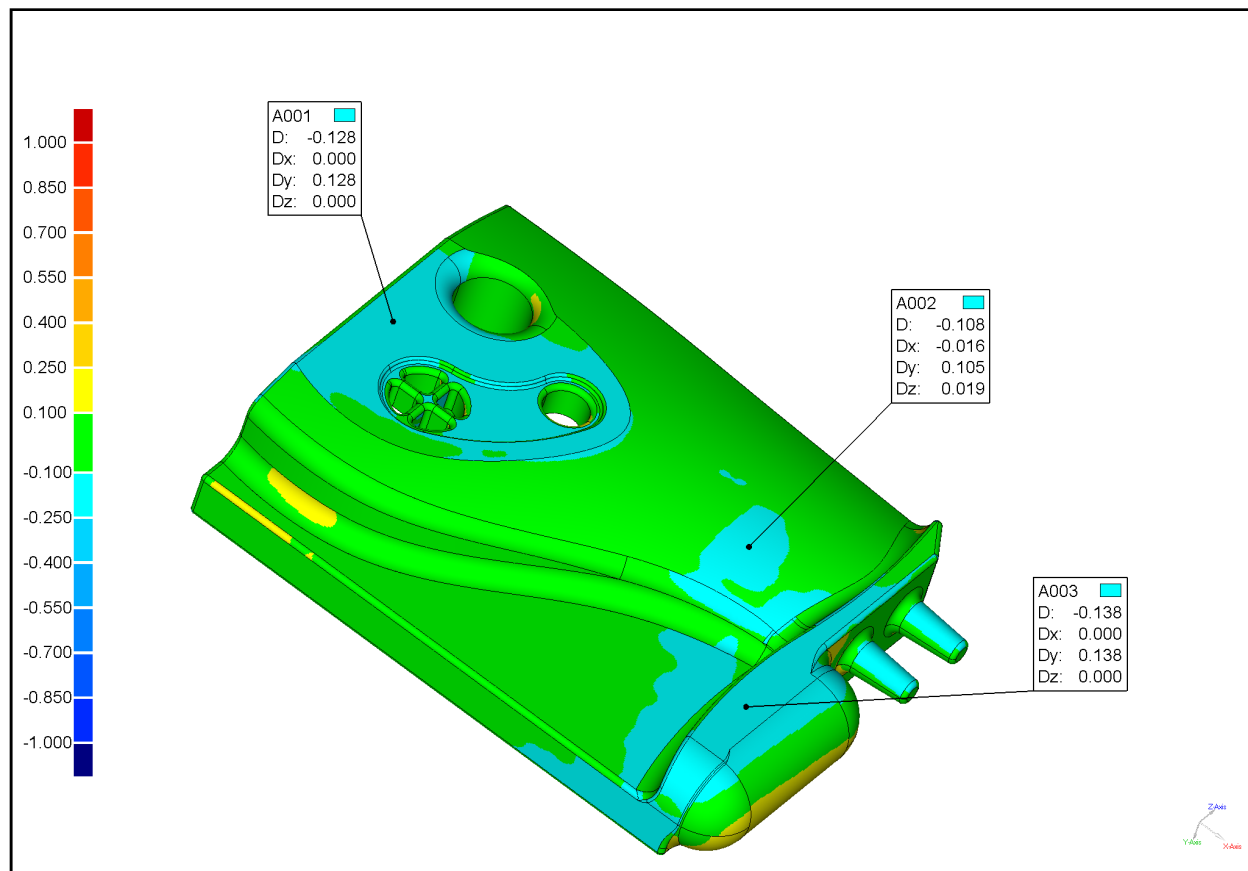
Standard Deviations

Distribution (+/-)	# Points	%
-6 * Std. Dev.	0	0.000
-5 * Std. Dev.	2	0.000
-4 * Std. Dev.	330	0.015
-3 * Std. Dev.	25161	1.148
-2 * Std. Dev.	308816	14.096
-1 * Std. Dev.	516502	23.576
1 * Std. Dev.	1108619	50.604
2 * Std. Dev.	180144	8.223
3 * Std. Dev.	41845	1.910
4 * Std. Dev.	8818	0.403
5 * Std. Dev.	108	0.005
6 * Std. Dev.	440	0.020



Standard Deviations

Annotated: Annotation View 1



Units:mm

CSYS: World CSYS

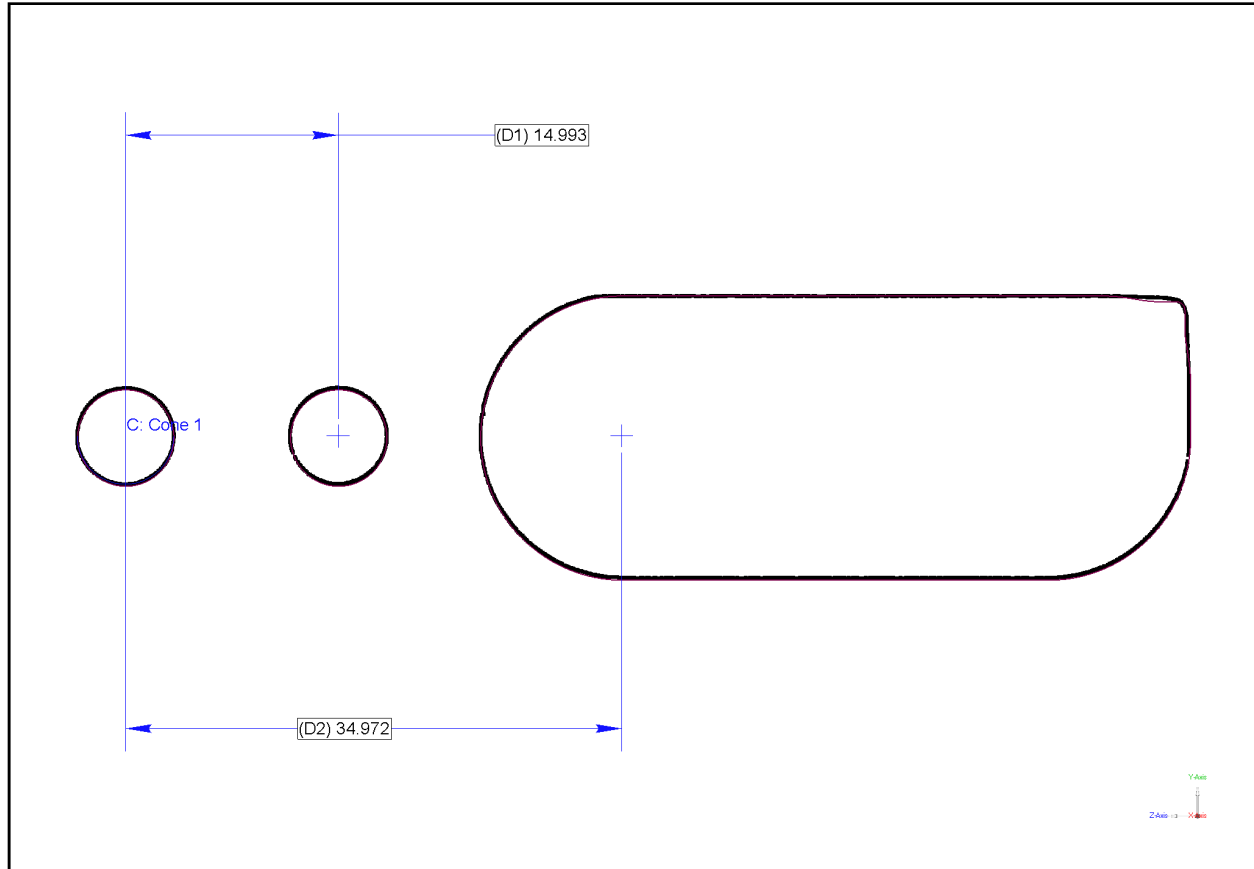
Name	Dev	Status	Upper Tol.	Lower Tol.	Ref X	Ref Y	Ref Z	Dev Radius	Dev X	Dev Y	Dev Z	Test X	Test Y	Test Z	Normal X	Normal Y	Normal Z
A001	-0.128				-53.498	-15.000	-0.669	1.001	0.000	0.128	0.000	-53.498	-14.872	-0.669	0.000	-1.000	0.000
A002	-0.108				21.964	-10.221	10.916	1.001	-0.016	0.105	0.019	21.948	-10.116	10.935	0.150	-0.973	-0.176
A003	-0.138				45.593	-10.000	-20.960	1.001	0.000	0.138	0.000	45.593	-9.862	-20.960	0.000	-1.000	0.000

Annotated: All

Units:mm

Name	Dev	Status	Upper Tol.	Lower Tol.	Ref X	Ref Y	Ref Z	Dev Radius	Dev X	Dev Y	Dev Z	Test X	Test Y	Test Z	Normal X	Normal Y	Normal Z
A001	-0.128				-53.498	-15.000	-0.669	1.001	0.000	0.128	0.000	-53.498	-14.872	-0.669	0.000	-1.000	0.000
A002	-0.108				21.964	-10.221	10.916	1.001	-0.016	0.105	0.019	21.948	-10.116	10.935	0.150	-0.973	-0.176
A003	-0.138				45.593	-10.000	-20.960	1.001	0.000	0.138	0.000	45.593	-9.862	-20.960	0.000	-1.000	0.000

Dimension 2D: Section 1

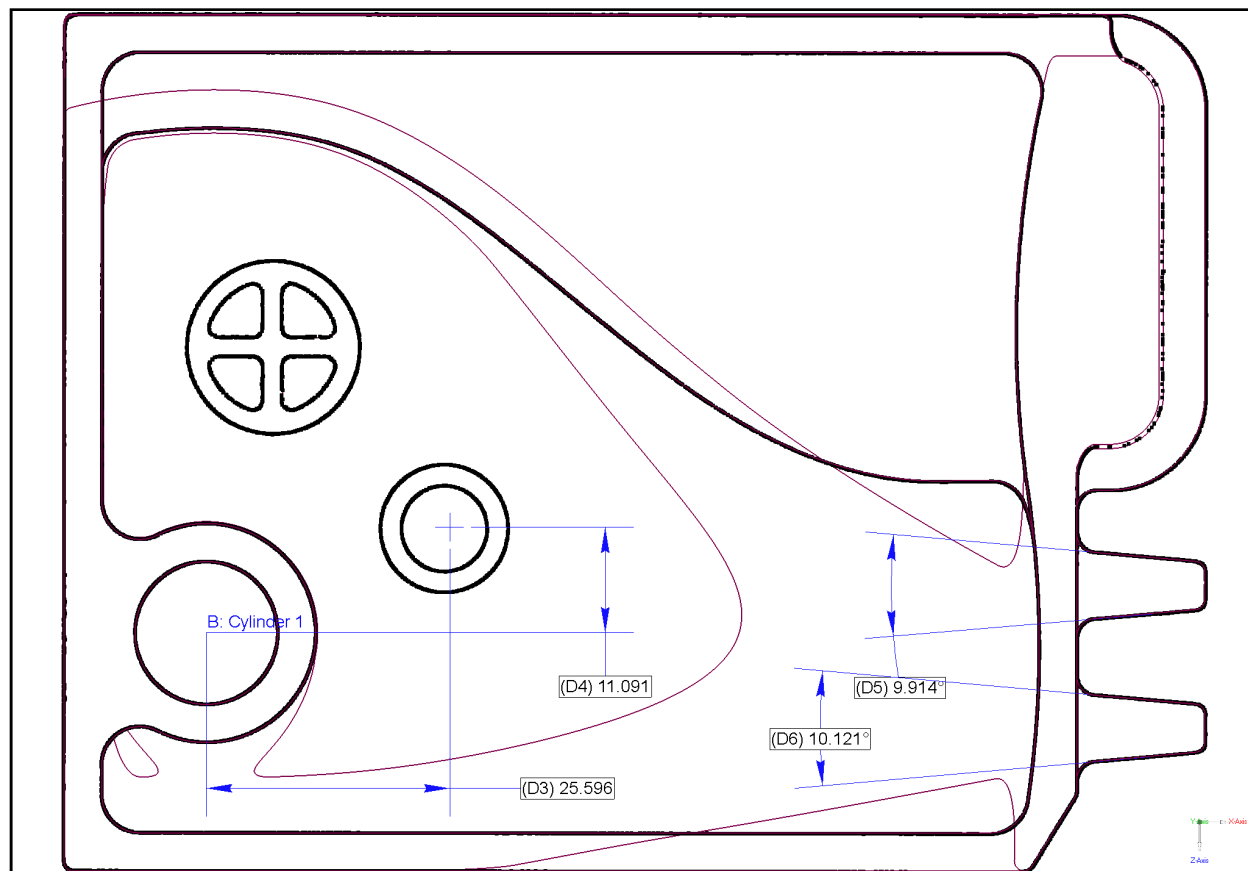


Units:mm

CSYS: World CSYS

Name	Measured	Nominal	Deviation	Status	Upper Tol.	Lower Tol.
D1	14.993	15.000	-0.007	PASS	0.100	-0.100
D2	34.972	35.000	-0.028	PASS	0.100	-0.100

Dimension 2D: Merged



Units:mm

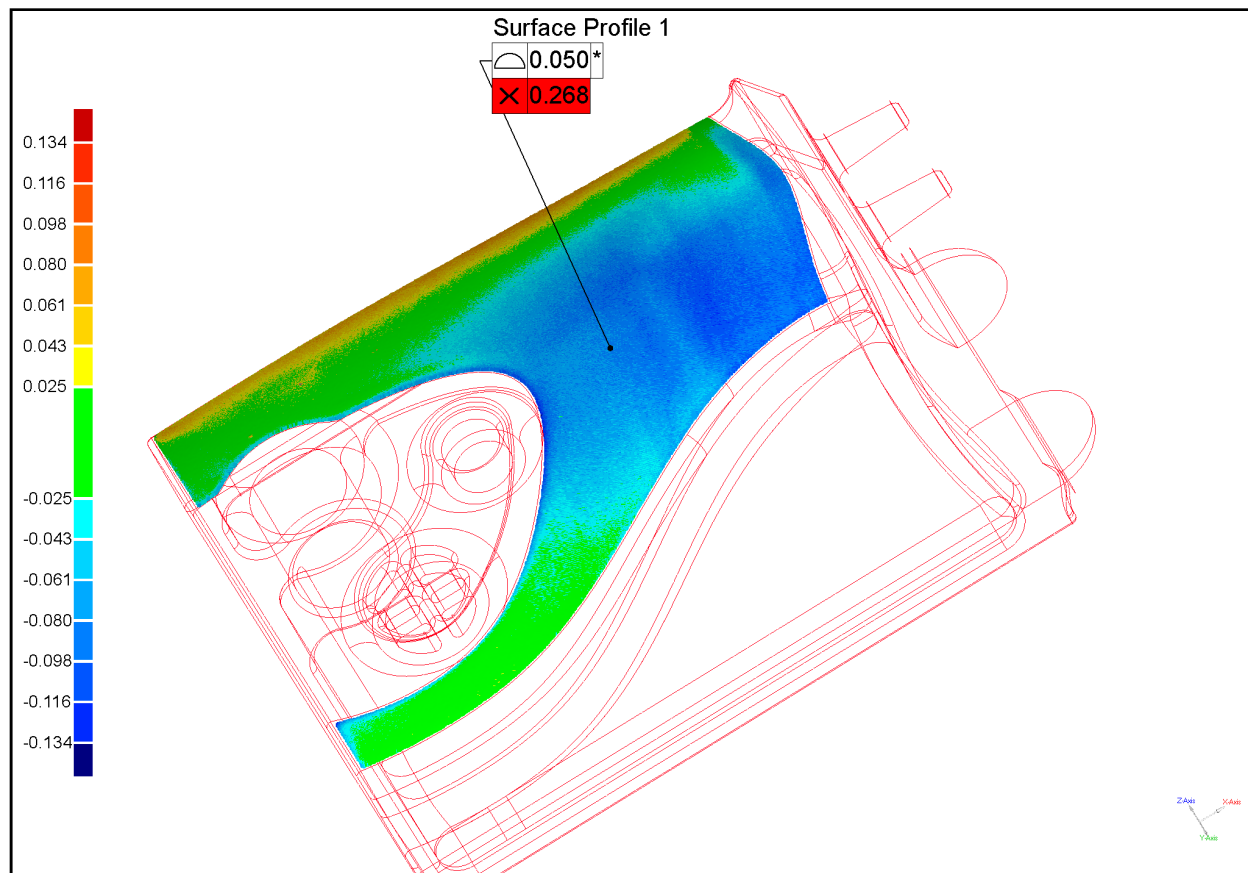
Name	Measured	Nominal	Deviation	Status	Upper Tol.	Lower Tol.
D3	25.596	25.601	-0.005	PASS	0.100	-0.100
D4	11.091	11.000	0.091	PASS	0.100	-0.100
D5	9.914	10.174	-0.260	FAIL	0.000	0.000
D6	10.121	10.174	-0.053	FAIL	0.000	0.000

Locations: Upper and Lower Deviations

Units:mm

Name	Dev	Status	Upper Tol	Lower Tol	Ref X	Ref Y	Ref Z	Radius	Dev X	Dev Y	Dev Z	Measured X	Measured Y	Measured Z	Normal X	Normal Y	Normal Z
Lower Dev.	-0.291				51.194	-8.761	-39.785	n/a	-0.058	0.242	0.151	51.136	-8.519	-39.633	0.199	-0.831	-0.520
Upper Dev.	1.252				-54.186	-7.297	30.480	n/a	0.744	0.000	1.007	-53.442	-7.297	31.487	0.594	0.000	0.804

GD&T Views: GD&T View 1



Units:mm

CSYS: World CSYS

Name	Tolerance	Measured	# Points	# Outliers	# Passed	# Failed	Min. Value	Max. Value	Bonus Tol.	Notes	Status
Surface Profile 1	0.050	0.268	256607	3	80635	175969	-0.134	0.097	0.000	Current Alignment	FAIL

GD&T Views: All

Units:mm

Name	Tolerance	Measured	# Points	# Outliers	# Passed	# Failed	Min. Value	Max. Value	Bonus Tol.	Notes	Status
Surface Profile 1	0.050	0.268	256607	3	80635	175969	-0.134	0.097	0.000	Current Alignment	FAIL