

Certificate of Measurement

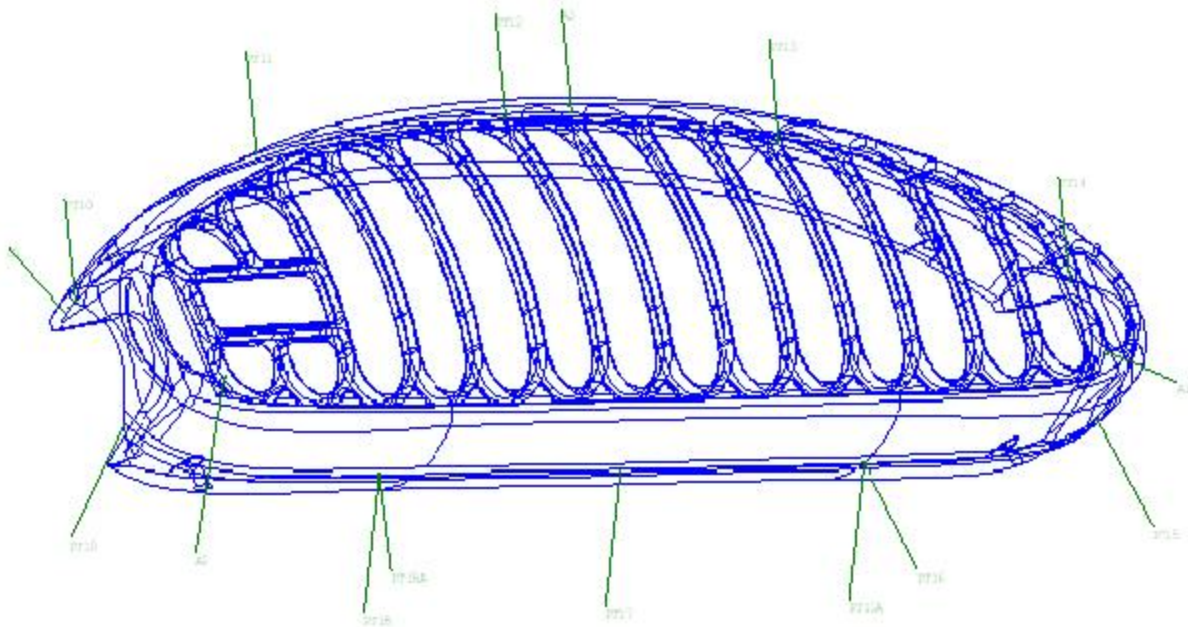
Customer:	YOUR COMPANY	Job Number:	09-12345
Address:	GUELPH	Part Number:	1234567891
Procedure:	1234567891	Part Name:	ABCDEFGF
CAD File:	FILE: NONE	Revision:	A
Specification:	As per customer CAD &/or Drawing.	Units:	MM
Inspected by:	AMCB	Environment:	20°C ± 2°C
Programmed by:	AMCB	Sample:	01
Inspection Date:	04/10/2008	Cavity:	
Issue Date:	4/15/09	Lot:	

Equipment Used / Traceability: 1808M

This report is issued in accordance with the applicable requirements of ISO/IEC 17025. Measurements are traceable to the National Research Council (NRC), Canada, the National Institute of Standards and Technology (NIST) or the National Accreditation of Measurement and Sampling (NAMAS).

Measurement Uncertainty: ±(3.0 + 10.1)µm X L

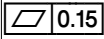
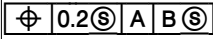
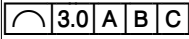
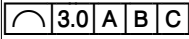
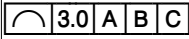
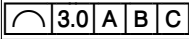
The combined standard uncertainty is expanded using k=2 for a confidence of approximately 95% assuming a normal distribution.



Signature	Title	Date
<i>Your Signature</i>	QA Inspector	4/15/09

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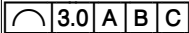


**Certificate of Measurement
Dimensional Report**

Part Number: 1234567891			Revision: A			Inspection Date: 04/10/2008		
Part Name: ABCDEFG			Cavity:			Job Number: 09-12345		
Axis	Nominal	+ Tol	- Tol	Sample: 01	Max Dev	Out By	OK	Reject
Section A-A								
FLATNESS 0.15 OF -A- (ITEM 12)								
DIM FLT1 = FLATNESS OF PLANE PLN_A								
M	 0.15			0.053	0.053			1
6.2/6.0 DIA. (ITEM 10) TP 0.2s A Bs (ITEM 4)								
DIM LOC13= TRUE POSITION OF CIRCLE MIDC1_GEN								
X	0.000			-0.021	-0.021			1
Y	0.000			-0.085	-0.085			1
DF	6.000	0.200	0.000	6.057	0.057			1
TP	 0.2s A Bs			0.170	0.170			1
PROFILE 3.0 A B C (ITEM 2)								
Total Profile (Worst Case)								
T	 3.0 A B C			0.564	0.564			1
Total Profile				1.128				
DIM D23= LOCATION OF POINT FRM2								
X	4256.928			4256.434	-0.494			1
Y	-583.074			-583.074	0.000			1
Z	132.965			132.965	0.000			1
T	 3.0 A B C			0.494	0.494			1
Total Profile				0.988				
DIM D24= LOCATION OF POINT FRM3								
X	4256.928			4256.445	-0.483			1
Y	-576.591			-576.591	0.000			1
Z	156.329			156.329	0.000			1
T	 3.0 A B C			0.483	0.483			1
Total Profile				0.966				
DIM D27= LOCATION OF POINT FRM9								
X	4313.803			4313.803	0.000			1
Y	-583.521			-583.521	0.000			1
Z	162.606			162.642	0.036			1
T	 3.0 A B C			0.036	0.036			1
Total Profile				0.072				
DIM D28= LOCATION OF POINT FRM4								
X	4331.928			4332.492	0.564			1
Y	-554.673			-554.673	0.000			1
Z	126.743			126.743	0.000			1

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T	 3.0 A B C			0.564	0.564		1	
Total Profile				1.128				
3.75/3.55 DIM. (ITEM 8)								
DIM LOC16= LOCATION OF POINT IT59								
X	-3.750	0.200	0.000	-3.738	0.012		1	
6.6/6.4 DIM. (ITEM 9)								
DIM LOC20= LOCATION OF POINT IT66								
X	6.600	0.000	0.200	6.400	-0.200		1	
7.0/6.7 DIM. (ITEM 7)								
DIM LOC1= LOCATION OF POINT IT68								
X	-6.850	0.150	0.150	-6.669	0.181	0.031		1
Section B-B								
14.0/13.8 DIA. (ITEM 1) TP 0.2m A Bs (ITEM 3)								
DIM LOC3= TRUE POSITION OF CIRCLE IT44								
Y	0.000			-0.021	-0.021		1	
Z	0.000			-0.017	-0.017		1	
DF	13.900	0.100	0.100	13.950	0.050		1	
TP	 0.2 M A B S			0.054	0.054		1	
Bonus				0.050				
23.05/22.85 DIA. (ITEM 5) TP 0.2m A Bs (ITEM 6)								
DIM LOC4= TRUE POSITION OF CIRCLE IT85								
Y	0.000			0.061	0.061		1	
Z	0.000			0.026	0.026		1	
DF	22.950	0.100	0.100	23.037	0.087		1	
TP	 0.2 M A B S			0.133	0.133		1	
Bonus				0.013				
30° ANGLE (ITEM 11)								
DIM ANG4 = 2D ANGLE FROM LINE IT54_LN TO ZAXIS								
A	30.000	1.000	1.000	30.721	0.721		1	
15.50/15.30 DIM. (ITEM 14) 4 PLACES								
DIM DIS19 = 2D DISTANCE FROM LINE LN87_2 TO LINE LN87_6 PARALLEL TO ZAXIS,								
M	15.400	0.100	0.100	15.328	-0.072		1	
DIM DIS16 = 2D DISTANCE FROM LINE LN87_5 TO LINE LN87_1 PARALLEL TO ZAXIS,								
M	15.400	0.100	0.100	15.330	-0.070		1	
DIM DIS17 = 2D DISTANCE FROM LINE LN87_3 TO LINE LN87_7 PARALLEL TO YAXIS,								
M	15.400	0.100	0.100	15.314	-0.086		1	

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DIM DIS18 = 2D DISTANCE FROM LINE LN87_4 TO LINE LN87_8 PARALLEL TO YAXIS,								
M	15.400	0.100	0.100	15.302	-0.098		1	
ANGULARITY 0.15 C (ITEM 15) 4 PLACES								
DIM AGL13 = ANGULARITY FROM LINE LN87_5_1 TO PLANE PLN88_1 EXTENDLENGTH=0.00								
M	\angle 0.15 C			0.024	0.024		1	
DIM AGL5 = ANGULARITY FROM LINE LN87_3_7 TO PLANE PLN88_1 EXTENDLENGTH=0.00								
M	\angle 0.15 C			0.027	0.027		1	
DIM AGL2 = ANGULARITY FROM LINE LN87_2_6 TO PLANE PLN88_2 EXTENDLENGTH=0.00								
M	\angle 0.15 C			0.015	0.015		1	
DIM AGL4 = ANGULARITY FROM LINE LN87_4_8 TO PLANE PLN88_2 EXTENDLENGTH=0.00								
M	\angle 0.15 C			0.018	0.018		1	