



AS 9100 Rev. B ISO 9001:2008

ABC COMPANY, INC.
 PART # XXXXX REV. N/C
 PART TITLE

REPORT # 11111
 MARCH 11, 2011

REPORT SUMMARY

ITEM	DIMENSION	TOL.	ZONE	ACTUAL	DEV.	REMARKS
1	SURFACE CLEAN PER B/P NOTE 3		NOTE 3	NON- COMPLIANT	*	MINOR SURF. IMPERFECTIONS OPP. DATUM B, EJ. PIN MARKS PRESENT, REF. DIM 4.
2	.008	MAX	NOTE 4	0.0040 0.0065 0.0056 0.0025 0.00064 2.08 1.24		MINIMUM MAXIMUM AVERAGE RANGE STDEV Cp Cpk
3	Ø 1.50 / 1.47		D7	1.4834 1.4858 1.4844 0.0024 0.00065 7.74 7.43		MINIMUM MAXIMUM AVERAGE RANGE STDEV Cp Cpk
4	Ø .66 / .61		D7	0.6301 0.6311 0.6307 0.0010 0.00040 20.88 17.26		MINIMUM MAXIMUM AVERAGE RANGE STDEV Cp Cpk
5	Ø .128 / .117 THRU SIZE, 2 PLACES.		C6	0.118 0.120 0.119 0.002 0.00039 4.70 1.83		MINIMUM MAXIMUM AVERAGE RANGE STDEV Cp Cpk



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MOLDING CORP. OF AMERICA
9221073 REV. T
IGNITER BODY.

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		Deviation	
Item Number:	2	Minimum	0.0040
Blueprint Dimension:	.008	Maximum	0.0065
Blueprint Tolerance:	MAX	Average	0.0056
USL	0.008	Range	0.0025
LSL	0	STDEV	0.00064
		Cp	2.08
		Cpk	1.24

S/N	Actual	Dev.	Remarks
1	0.0065		
2	0.0057		
3	0.0058		
4	0.0060		
5	0.0058		
6	0.0048		
7	0.0056		
8	0.0060		
9	0.0060		
10	0.0055		
11	0.0061		
12	0.0049		
13	0.0057		
14	0.0065		
15	0.0049		
16	0.0040		
17	0.0054		
18	0.0049		
19	0.0057		
20	0.0064		

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Item Number:	3	Minimum	1.4834
Blueprint Dimension:	Ø 1.50 / 1.47	Maximum	1.4858
Blueprint Tolerance:	0	Average	1.4844
USL	1.500	Range	0.0024
LSL	1.470	STDEV	0.00065
		Cp	7.74
		Cpk	7.43

S/N	Actual	Dev.	Remarks
1	1.4850		
2	1.4848		
3	1.4834		
4	1.4849		
5	1.4858		
6	1.4851		
7	1.4850		
8	1.4839		
9	1.4841		
10	1.4835		
11	1.4846		
12	1.4834		
13	1.4840		
14	1.4848		
15	1.4847		
16	1.4838		
17	1.4839		
18	1.4844		
19	1.4847		
20	1.4842		

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Item Number:	4	Minimum	0.6301
Blueprint Dimension:	Ø .66 / .61	Maximum	0.6311
Blueprint Tolerance:	0	Average	0.6307
USL	0.660	Range	0.0010
LSL	0.610	STDEV	0.00040
		Cp	20.88
		Cpk	17.26

S/N	Actual	Dev.	Remarks
1	0.6311		
2	0.6302		
3	0.6308		
4	0.6311		
5	0.6303		
6	0.6310		
7	0.6302		
8	0.6311		
9	0.6304		
10	0.6309		
11	0.6311		
12	0.6303		
13	0.6310		
14	0.6305		
15	0.6311		
16	0.6302		
17	0.6301		
18	0.6308		
19	0.6310		
20	0.6301		

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Item Number:	5	Minimum	0.118	Deviation
Blueprint Dim.:	Ø .128 / .117	Maximum	0.120	
Blueprint Tol.:	0	Average	0.119	
USL	0.128	Range	0.002	
LSL	0.117	STDEV	0.00039	
		Cp	4.70	
		Cpk	1.83	

S/N	Actual	Dev.	Actual	Dev.	Remarks
1	0.119		0.119		THRU SIZE, 2 PLACES.
2	0.118		0.118		
3	0.119		0.119		
4	0.119		0.119		
5	0.119		0.119		
6	0.119		0.119		
7	0.119		0.119		
8	0.119		0.118		
9	0.119		0.119		
10	0.119		0.119		
11	0.120		0.119		
12	0.119		0.119		
13	0.119		0.119		
14	0.119		0.119		
15	0.119		0.119		
16	0.119		0.119		
17	0.120		0.119		
18	0.119		0.119		
19	0.119		0.118		
20	0.119		0.119		