

Dimensional Report

Customer: TRANSFORMATION SOFTWARE	Units:	Job Number: 10-12345
Part Name: ABCDEFG	Inspected by: Multiple Inspected By(s)	Subgroup Size: 5
Part Number: 12345-67890	Revision: A	Inspection Date:

Characteristic: Characteristic: 1	Nominal: 0.0000	<input type="checkbox"/> 0.6
Feature: DIM D4= LOCATION OF POINT GRR-X	Upper Tolerance: 0.3000	Upper Spec Limit: 0.3000
Axis: T	Lower Tolerance: 0.3000	Lower Spec Limit: -0.3000

Sample	(A) Inspected By: 1					(B) Inspected By: 2					(C) Inspected By: 3					Part Avg
	Trial 1	Trial 2	Trial 3	Range	Average	Trial 1	Trial 2	Trial 3	Range	Average	Trial 1	Trial 2	Trial 3	Range	Average	
1	0.7990	0.7460	0.7370	0.0620	0.7607	0.4740	0.4860	0.5920	0.1180	0.5173	0.5920	0.7990	0.4740	0.3250	0.6217	0.6332
2	0.9230	0.9680	0.9850	0.0620	0.9587	0.8290	0.8700	0.8870	0.0580	0.8620	0.8870	0.9230	0.8290	0.0940	0.8797	0.9001
3	0.6890	0.6910	0.6870	0.0040	0.6890	0.6060	0.6020	0.6240	0.0220	0.6107	0.6240	0.6890	0.6060	0.0830	0.6397	0.6464
4	0.6810	0.4290	0.4790	0.2520	0.5297	0.6790	0.7280	0.7390	0.0600	0.7153	0.7390	0.6810	0.6790	0.0600	0.6997	0.6482
5	0.7690	0.7880	0.8270	0.0580	0.7947	0.8510	0.8770	0.8800	0.0290	0.8693	0.8800	0.7690	0.8510	0.1110	0.8333	0.8324
6	0.7260	0.7650	0.8040	0.0780	0.7650	0.7420	0.7760	0.7830	0.0410	0.7670	0.7830	0.7260	0.7420	0.0570	0.7503	0.7608
7	0.7740	0.8000	0.8150	0.0410	0.7963	0.6150	0.6430	0.7510	0.1360	0.6697	0.7510	0.7740	0.6150	0.1590	0.7133	0.7264
8	0.7680	0.8210	0.8240	0.0560	0.8043	0.5770	0.6510	0.6960	0.1190	0.6413	0.6960	0.7680	0.5770	0.1910	0.6803	0.7087
9	0.8850	0.9010	0.8970	0.0160	0.8943	0.7930	0.8470	0.8460	0.0540	0.8287	0.8460	0.8850	0.7930	0.0920	0.8413	0.8548
10	0.8160	0.8390	0.8500	0.0340	0.8350	0.6460	0.6890	0.6880	0.0430	0.6743	0.6880	0.8160	0.6460	0.1700	0.7167	0.7420
Totals:	7.8300	7.7480	7.9050	0.6630	7.8277	6.8120	7.1690	7.4860	0.6800	7.1557	7.4860	7.8300	6.8120	1.3420	7.3760	7.4531
Averages:	0.7830	0.7748	0.7905	0.0663	0.7828	0.6812	0.7169	0.7486	0.0680	0.7156	0.7486	0.7830	0.6812	0.1342	0.7376	0.7453
R bar A: 0.0663					R bar B: 0.0680					R bar C: 0.1342					0.2669	
X-bar A: 0.7828					X-bar B: 0.7156					X-bar C: 0.7376						

Statistics					
Avg. R-bar:	0.0895	D4:	2.5740	Inspectors:	3
Rp:	0.2669	K1:	0.5908	Trials:	3
X-bar (max):	0.7828	K2:	0.5231	Samples:	10
X-bar (min):	0.7156	K3:	0.3146		
X-bar (diff):	0.0672				
UCL (range)	0.2304				

Measurement Unit Analysis		% TV Analysis		% Tol Analysis	
Repeatability - Equipment Variation (EV):		0.0529	% EV: 50.44%	% EV: 52.88%	
Repeatability - Appraiser Variation (AV):		0.0338	% AV: 32.24%	% AV: 33.80%	
Part Variation (PV):		0.0840	% PV: 80.10%	% PV: 83.96%	
Repeatability and Reproducibility (GRR):		0.0628	% GRR: 59.87%	% GRR: 62.76%	
Total Variation (TV):		0.1048			
Tolerance Width (Tol):		0.6000	ndc: 2		

The results relate only to the items inspected.
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