



PART# HERE 1-1-2012/Fu11 Layout/1/1/2012

OUT OF TOLERANCE SUMMARY

BAL# / DESC	NOMINAL	Piece 001	Piece 002	Piece 003	Piece 004	Piece 005	
FEATURE	TOLERANCE +/-	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED	
		OUT TOL	OUT TOL	OUT TOL	OUT TOL	OUT TOL	
4 1Y	-91.788	-92.182	-92.200	-92.171	-92.158	-92.263	
Y	+/- 0.250	-0.144	-0.162	-0.133	-0.120	-0.225	*
DEVIATION FROM NOMINAL=====>		-0.394	-0.412	-0.383	-0.370	-0.475	
CMM							
4 1V	0.000	0.398	0.416	0.388	0.374	0.480	
VECTOR	+/- 0.250	0.148	0.166	0.138	0.124	0.230	*
DEVIATION FROM NOMINAL=====>		0.398	0.416	0.388	0.374	0.480	
CMM							
4 2Y	-89.531	-89.915	-89.915	-89.877	-89.919	-89.954	
Y	+/- 0.250	-0.134	-0.134	-0.096	-0.138	-0.173	*
DEVIATION FROM NOMINAL=====>		-0.384	-0.384	-0.346	-0.388	-0.423	
CMM							
4 2V	0.000	0.392	0.392	0.353	0.396	0.432	
VECTOR	+/- 0.250	0.142	0.142	0.103	0.146	0.182	*
DEVIATION FROM NOMINAL=====>		0.392	0.392	0.353	0.396	0.432	
CMM							
4 3Y	-86.989	-87.385	-87.352	-87.466	-87.404	-87.590	
Y	+/- 0.250	-0.146	-0.113	-0.227	-0.165	-0.351	*
DEVIATION FROM NOMINAL=====>		-0.396	-0.363	-0.477	-0.415	-0.601	
CMM							
4 3V	0.000	0.404	0.370	0.487	0.423	0.613	
VECTOR	+/- 0.250	0.154	0.120	0.237	0.173	0.363	*
DEVIATION FROM NOMINAL=====>		0.404	0.370	0.487	0.423	0.613	
CMM							
4 4Y	86.751	86.998	86.889	87.031	86.892	87.038	
Y	+/- 0.250			0.030		0.037	*
DEVIATION FROM NOMINAL=====>		0.247	0.138	0.280	0.141	0.287	
CMM							
4 4V	0.000	0.253	0.142	0.286	0.145	0.293	
VECTOR	+/- 0.250	0.003		0.036		0.043	*
DEVIATION FROM NOMINAL=====>		0.253	0.142	0.286	0.145	0.293	
CMM							
4 5Y	89.407	89.660	89.550	89.666	89.611	89.670	
Y	+/- 0.250	0.003		0.009		0.013	*
DEVIATION FROM NOMINAL=====>		0.253	0.143	0.259	0.204	0.263	
CMM							
4 5V	0.000	0.258	0.146	0.264	0.208	0.269	
VECTOR	+/- 0.250	0.008		0.014		0.019	*
DEVIATION FROM NOMINAL=====>		0.258	0.146	0.264	0.208	0.269	
CMM							
4 6Y	91.930	92.215	92.053	92.171	92.169	92.171	
Y	+/- 0.250	0.035					*
DEVIATION FROM NOMINAL=====>		0.285	0.123	0.241	0.239	0.241	
CMM							



PART# HERE 1-1-2012/Full Layout/1/1/2012
 OUT OF TOLERANCE SUMMARY - (Continued)

BAL# / DESC	NOMINAL	Piece 001	Piece 002	Piece 003	Piece 004	Piece 005	
FEATURE	TOLERANCE +/-	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED	
		OUT TOL	OUT TOL	OUT TOL	OUT TOL	OUT TOL	
4 6V	0.000	0.287	0.125	0.243	0.241	0.243	
VECTOR	+/- 0.250	0.037				*	
DEVIATION FROM NOMINAL=====>		0.287	0.125	0.243	0.241	0.243	
CMM							
5 1X	2562.213	2561.489	2561.561	2561.522	2562.265	2561.530	
X	+/- 0.250	-0.474	-0.402	-0.441		-0.433	
DEVIATION FROM NOMINAL=====>		-0.724	-0.652	-0.691	0.052	-0.683	
CMM							
		LOCATION OF POINT 5_1 UNITS=MM					
5 1V	0.000	0.724	0.652	0.691	-0.052	0.683	
VECTOR	+/- 0.250	0.474	0.402	0.441		0.433	
DEVIATION FROM NOMINAL=====>		0.724	0.652	0.691	-0.052	0.683	
CMM							
5 2X	2562.153	2561.694	2561.567	2561.625	2562.236	2561.652	
X	+/- 0.250	-0.209	-0.336	-0.278		-0.251	
DEVIATION FROM NOMINAL=====>		-0.459	-0.586	-0.528	0.083	-0.501	
CMM							
		LOCATION OF POINT 5_2 UNITS=MM					
5 2V	0.000	0.459	0.586	0.528	-0.083	0.501	
VECTOR	+/- 0.250	0.209	0.336	0.278		0.251	
DEVIATION FROM NOMINAL=====>		0.459	0.586	0.528	-0.083	0.501	
CMM							
5 3X	2562.108	2561.781	2561.570	2561.682	2562.179	2561.731	
X	+/- 0.250	-0.077	-0.288	-0.176		-0.127	
DEVIATION FROM NOMINAL=====>		-0.327	-0.538	-0.426	0.071	-0.377	
CMM							
		LOCATION OF POINT 5_3 UNITS=MM					
5 3V	0.000	0.328	0.539	0.426	-0.070	0.378	
VECTOR	+/- 0.250	0.078	0.289	0.176		0.128	
DEVIATION FROM NOMINAL=====>		0.328	0.539	0.426	-0.070	0.378	
CMM							
5 4X	2562.080	2561.813	2561.552	2561.701	2562.060	2561.775	
X	+/- 0.250	-0.017	-0.278	-0.129		-0.055	
DEVIATION FROM NOMINAL=====>		-0.267	-0.528	-0.379	-0.020	-0.305	
CMM							
		LOCATION OF POINT 5_4 UNITS=MM					
5 4V	0.000	0.267	0.528	0.379	0.020	0.305	
VECTOR	+/- 0.250	0.017	0.278	0.129		0.055	
DEVIATION FROM NOMINAL=====>		0.267	0.528	0.379	0.020	0.305	
CMM							
5 5X	2562.063	2561.826	2561.595	2561.754	2561.966	2561.852	
X	+/- 0.250		-0.218	-0.059			
DEVIATION FROM NOMINAL=====>		-0.237	-0.468	-0.309	-0.097	-0.211	
CMM							
		LOCATION OF POINT 5_5 UNITS=MM					
5 5V	0.000	0.236	0.468	0.309	0.097	0.210	
VECTOR	+/- 0.250		0.218	0.059			
DEVIATION FROM NOMINAL=====>		0.236	0.468	0.309	0.097	0.210	
CMM							



PART# HERE 1-1-2012/Full Layout/1/1/2012
 OUT OF TOLERANCE SUMMARY - (Continued)

BAL# / DESC	NOMINAL	Piece 001	Piece 002	Piece 003	Piece 004	Piece 005
FEATURE	TOLERANCE +/-	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED
		OUT TOL	OUT TOL	OUT TOL	OUT TOL	OUT TOL
5 6X	2562.079	2561.782	2561.628	2561.779	2561.848	2561.879
X	+/- 0.250	-0.047	-0.201	-0.050		*
DEVIATION FROM NOMINAL=====>		-0.297	-0.451	-0.300	-0.231	-0.200
CMM	LOCATION OF POINT 5_6	UNITS=MM				
5 6V	0.000	0.298	0.451	0.301	0.232	0.200
VECTOR	+/- 0.250	0.048	0.201	0.051		*
DEVIATION FROM NOMINAL=====>		0.298	0.451	0.301	0.232	0.200
CMM						
5 7X	2562.157	2561.738	2561.718	2561.804	2561.727	2561.839
X	+/- 0.250	-0.169	-0.189	-0.103	-0.180	-0.068
DEVIATION FROM NOMINAL=====>		-0.419	-0.439	-0.353	-0.430	-0.318
CMM	LOCATION OF POINT 5_7	UNITS=MM				
5 7V	0.000	0.419	0.439	0.353	0.430	0.318
VECTOR	+/- 0.250	0.169	0.189	0.103	0.180	0.068
DEVIATION FROM NOMINAL=====>		0.419	0.439	0.353	0.430	0.318
CMM						
5 8X	2562.218	2561.688	2561.711	2561.750	2561.633	2561.683
X	+/- 0.250	-0.280	-0.257	-0.218	-0.335	-0.285
DEVIATION FROM NOMINAL=====>		-0.530	-0.507	-0.468	-0.585	-0.535
CMM	LOCATION OF POINT 5_8	UNITS=MM				
5 8V	0.000	0.531	0.508	0.469	0.586	0.535
VECTOR	+/- 0.250	0.281	0.258	0.219	0.336	0.285
DEVIATION FROM NOMINAL=====>		0.531	0.508	0.469	0.586	0.535
CMM						
6 1X	2563.372	2563.090	2563.066	2562.995	2563.083	2562.840
X	+/- 0.250	-0.032	-0.056	-0.127	-0.039	-0.282
DEVIATION FROM NOMINAL=====>		-0.282	-0.306	-0.377	-0.289	-0.532
CMM	LOCATION OF POINT 6_1	UNITS=MM				
6 1Z	723.956	723.586	723.554	723.461	723.576	723.258
Z	+/- 0.250	-0.120	-0.152	-0.245	-0.130	-0.448
DEVIATION FROM NOMINAL=====>		-0.370	-0.402	-0.495	-0.380	-0.698
CMM						
6 1V	0.000	-0.466	-0.506	-0.622	-0.478	-0.878
VECTOR	+/- 0.250	-0.216	-0.256	-0.372	-0.228	-0.628
DEVIATION FROM NOMINAL=====>		-0.466	-0.506	-0.622	-0.478	-0.878
CMM						
6 2V	0.000	-0.172	-0.231	-0.239	-0.190	-0.297
VECTOR	+/- 0.250					-0.047
DEVIATION FROM NOMINAL=====>		-0.172	-0.231	-0.239	-0.190	-0.297
CMM						
6 7X	2563.336	2562.785	2563.134	2562.953	2563.333	2562.925
X	+/- 0.250	-0.301		-0.133		-0.161
DEVIATION FROM NOMINAL=====>		-0.551	-0.202	-0.383	-0.003	-0.411
CMM	LOCATION OF POINT 6_7	UNITS=MM				



PART# HERE 1-1-2012/Full Layout/1/1/2012

OUT OF TOLERANCE SUMMARY - (Continued)

BAL# / DESC	NOMINAL	Piece 001	Piece 002	Piece 003	Piece 004	Piece 005
FEATURE	TOLERANCE +/-	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED
		OUT TOL	OUT TOL	OUT TOL	OUT TOL	OUT TOL
6 7Z	723.970	723.254	723.707	723.472	723.966	723.435
Z	+/- 0.250	-0.466	-0.013	-0.248		-0.285
DEVIATION FROM NOMINAL=====>		-0.716	-0.263	-0.498	-0.004	-0.535
CMM						
6 7V	0.000	-0.903	-0.332	-0.629	-0.005	-0.675
VECTOR	+/- 0.250	-0.653	-0.082	-0.379		-0.425
DEVIATION FROM NOMINAL=====>		-0.903	-0.332	-0.629	-0.005	-0.675
CMM						