

Quindos Measuring Report



3D-Application Center

Description	LCLS UNDULATOR QUA	Customer	LCLS
Drawing Number	N/A	Serial Number	000737
Remarks		Article Number	
Supplier	OSV	Delivery Date	
Delivery Note		Delivery Volume	
Lot Number		Lot Size	
Test Schedule		Sample Size	
Production Machine		Production Tool	
Production Date		Production Time	
Order		Department	
Inspector	KCABAN	Inspection Date	16-NOV-2007, 08:19:38
Measuring Device	PMM 12 10 6	Measuring Program	Quindos7 - V 7.00.7174
User Name	kcaban	WKP Name	LCLSUNDQUAD

Text	Eval.	Actual	Nominal	Up.To1.	Low.To1.	Act-Nom	Graphic
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CEN\$CIR_P **CIR**

DM	0.43356
X	0.00018
Y	-0.00049

CEN\$CIR_N **CIR**

DM	0.43420
X	0.00079
Y	0.00096

POLE\$DIST_ACP **AXI**

Pole Distance (A-C) Pos 'Z'							
DS DIM F	DXY	0.43329	0.43300			0.00029	

POLE\$DIST_ACN **AXI**

Pole Distance (A-C) Neg 'Z'							
US DIM F	DXY	0.43590	0.43300			0.00290	

POLE\$DIST_BDP **AXI**

Pole Distance (B-D) Pos 'Z'							
DS DIM E	DXY	0.43344	0.43300			0.00044	

POLE\$DIST_BDN **AXI**

Pole Distance (B-D) Neg 'Z'							
US DIM E	DXY	0.43399	0.43300			0.00099	

XGAP_NAB **AXI**

X Pole Gap (A-B) Neg 'Z'							
US DIM C	DX	0.16062	0.15700			0.00362	

XGAP_NCD **AXI**

X Pole Gap (C-D) Neg 'Z'							
US DIM A	DX	-0.16017	0.15700			0.00317	

XGAP_PAB **AXI**

X Pole Gap (A-B) Pos 'Z'							
DS DIM C	DX	0.15914	0.15700			0.00214	

Text	Eval.	Actual	Nominal	Up.To1.	Low.To1.	Act-Nom	Graphic
Date: 16-Nov-07, 08:19:38			LCLSUNDQUAD			Page 1 of 3	

Date: 16-Nov-07, 08:19:38			LCLSUNDQUAD			Page 2 of 3	
Text	Eval.	Actual	Nominal	Up.To1.	Low.To1.	Act-Nom	Graphic

XGAP_PCD **AXI**
X Pole Gap (C-D) Pos 'Z'

DS DIM A	DX	-0.15627	0.15700			-0.00073	
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XGAP_NAD **AXI**
US DIM B

US DIM B	DY	0.16005	0.15700			0.00305	
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XGAP_NBC **AXI**
Y Pole Gap (B-C) Neg 'Z'

US DIM D	DY	0.15828	0.15700			0.00128	
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XGAP_PAD **AXI**
Y Pole Gap (A-D) Pos 'Z'

DS DIM B	DY	0.16200	0.15700			0.00500	
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XGAP_PBC **AXI**
Y Pole Gap (B-C) Pos 'Z'

DS DIM D	DY	0.16216	0.15700			0.00516	
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DI_BASE **AXI**
Base of Quad (Alum) to Pole Center Line

	DY	5.18685	5.19300	0.00500	-0.00500	-0.00615	
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TB(1) **SPH**
5 - Tooling Ball Measurements using standard 1/2" TB w/ 1" extension

FORM	0.00047
DM	0.49683
X	3.37406
Y	6.31732
Z	1.47558

TB(2) **SPH**

FORM	0.00006
DM	0.50004
X	-3.37930
Y	6.31463
Z	1.50356

TB(3) **SPH**

FORM	0.00085
DM	0.49770
X	-3.40376
Y	6.31456
Z	-1.49064

TB(4) **SPH**

FORM	0.00020
DM	0.49985
X	3.36160
Y	6.31340
Z	-1.51886

TB(5) **SPH**

FORM	0.00061
DM	0.49842
X	6.26923
Y	-0.00316
Z	0.00343

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Date: 16-Nov-07, 08:19:38			LCLSUNDQUAD			Page 2 of 3	

Date: 16-Nov-07, 08:19:38			LCLSUNDQUAD			Page 3 of 3	
Text	Eval.	Actual	Nominal	Up.Tol.	Low.Tol.	Act-Nom	Graphic

CYL(1)

CYL

Cylinder Projected to a 1" Offset on the Toolingball Adapter Plane

FORM 0.00063
DM 0.25264

PROJ\$CYL(1)

POI

X 3.37738
Y 6.31359
Z 1.47111

CYL(2)

CYL

FORM 0.00036
DM 0.25082

PROJ\$CYL(2)

POI

X -3.37798
Y 6.31334
Z 1.50122

CYL(3)

CYL

FORM 0.00268
DM 0.25274

PROJ\$CYL(3)

POI

X -3.40911
Y 6.31100
Z -1.48415

CYL(4)

CYL

FORM 0.00016
DM 0.25042

PROJ\$CYL(4)

POI

X 3.35968
Y 6.31151
Z -1.52124

CYL(5)

CYL

FORM 0.00009
DM 0.25057

PROJ\$CYL(5)

POI

X 6.26813
Y -0.00115
Z 0.00487

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Date: 16-Nov-07, 08:19:38			LCLSUNDQUAD			Page 3 of 3	