

Quindos Measuring Report



3D-Application Center

Description	LCLS UNDULATOR QUA	Customer	LCLS
Drawing Number	N/A	Serial Number	Q02
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	20-JUL-2007, 11:28:43
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
CEN\$CIR_P			CIR				
DM		0.43325	0.43300			0.00025	
CEN\$CIR_N			CIR				
DM		0.43499	0.43300			0.00199	
POLE\$DIST_ACP			AXI				
Pole Distance (A-C) Pos 'Z'							
DS DIM F	DXY	0.43416	0.43300			0.00116	
POLE\$DIST_ACN			AXI				
Pole Distance (A-C) Neg 'Z'							
US DIM F	DXY	0.43488	0.43300			0.00188	
POLE\$DIST_BDP			AXI				
Pole Distance (B-D) Pos 'Z'							
DS DIM E	DXY	0.43293	0.43300			-0.00007	
POLE\$DIST_BDN			AXI				
Pole Distance (B-D) Neg 'Z'							
US DIM E	DXY	0.43500	0.43300			0.00200	
XGAP_NAB			AXI				
X Pole Gap (A-B) Neg 'Z'							
US DIM C	DX	0.15838	0.15700			0.00138	
XGAP_NCD			AXI				
X Pole Gap (C-D) Neg 'Z'							
US DIM A	DX	-0.15763	0.15700			0.00063	
XGAP_PAB			AXI				
X Pole Gap (A-B) Pos 'Z'							
DS DIM C	DX	0.16077	0.15700			0.00377	
XGAP_PCD			AXI				
X Pole Gap (C-D) Pos 'Z'							
DS DIM A	DX	-0.15859	0.15700			0.00159	

Text	Eval.	Actual	Nominal	Up.To1.	Low.To1.	Act-Nom	Graphic
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Text	Eval.	Actual	Nominal	Up.To1.	Low.To1.	Act-Nom	Graphic

XGAP_NAD AXI
 US DIM B DY 0.16232 0.15700 0.00532

XGAP_NBC AXI
 Y Pole Gap (B-C) Neg 'Z'
 US DIM D DY 0.16028 0.15700 0.00328

XGAP_PAD AXI
 Y Pole Gap (A-D) Pos 'Z'
 DS DIM B DY 0.15894 0.15700 0.00194

XGAP_PBC AXI
 Y Pole Gap (B-C) Pos 'Z'
 DS DIM D DY 0.15851 0.15700 0.00151

DI_BASE AXI
 Base of Quad (Alum) to Pole Center Line
 DY 5.18824 5.19300 0.00500 -0.00500 -0.00476 

TB(1) SPH
 5 - Tooling Ball Measurements using standard 1/2" TB w/ 1" extension

FORM	0.00054
DM	0.49753
X	3.37596
Y	6.31334
Z	1.50558

TB(2) SPH

FORM	0.00083
DM	0.49876
X	-3.37542
Y	6.31375
Z	1.50143

TB(3) SPH

FORM	0.00037
DM	0.49768
X	-3.37383
Y	6.31396
Z	-1.49476

TB(4) SPH

FORM	0.00034
DM	0.49726
X	3.37742
Y	6.31403
Z	-1.49309

TB(5) SPH

FORM	0.00117
DM	0.49480
X	6.27071
Y	0.00517
Z	0.00249

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

FORM	0.00010
DM	0.25038

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PROJ\$CYL(1) POI

X	3.37599
Y	6.31198
Z	1.50342

CYL(2) CYL

FORM	0.00017
DM	0.25042

PROJ\$CYL(2) POI

X	-3.37627
Y	6.31192
Z	1.50183

CYL(3) CYL

FORM	0.00023
DM	0.25053

PROJ\$CYL(3) POI

X	-3.37404
Y	6.31270
Z	-1.49506

CYL(4) CYL

FORM	0.00013
DM	0.25041

PROJ\$CYL(4) POI

X	3.37795
Y	6.31238
Z	-1.49369

CYL(5) CYL

FORM	0.00059
DM	0.25110

PROJ\$CYL(5) POI

X	6.26781
Y	0.01320
Z	0.00287

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