



REV. #	DESCRIPTION:	NAME/DATE:

SPECIFICATIONS

DESIGN WAVELENGTH: 1550/1480nm
 NUMERICAL APERTURE: 0.17
 CLEAR APERTURE: 1.37 mm
 EFFECTIVE FOCAL LENGTH: 4.00 mm
 MAGNIFICATION: INFINITE
 RMS WFE: < DIFF. LIMIT
 WORKING DISTANCE: 3.36 mm
 COATING: AR COATED 600 - 1050nm AND 1300 -1700nm

FOR INFORMATION ONLY
 NOT INTENDED FOR MANUFACTURING

ASPHERIC COEFFICIENT						
	R	k	A4	A6	A8	A10
S1	3.47717	-	-7.26114x10-3	1.32552x10-2	-1.09774x10-2	-
S2	PLANO	-	-	-	-	-

TOLERANCES
 UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
LINEAR TOLERANCES:
 TWO PLACE DECIMAL: ±0.010
 THREE PLACE DECIMAL: ±0.005
 ANGULAR: ±30'
 SURFACE FINISH: 32 MICROINCHES
 PARALLELISM: 0.002
 FLATNESS: 0.002
 STRAIGHTNESS: 0.002
 CONCENTRICITY: 0.002
 PERPENDICULARITY: 0.002
 THREAD: CLASS 2 FIT

	NAME	DATE
DRAWN	DP	04/12/2007
ENG APPR.	KMS	04/12/2007
MFG APPR.	TO	04/12/2007

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TITLE:
 ASPHERIC LENS f = 4.00 mm NA = 0.17

MATERIAL:
 OHARA GLASS PBH71/304 STAINLESS STEEL

SCALE: 10:1 SHEET 1 OF 1

DWG. NO. 13691-E01 PART NO. 370940-Q