


NUMERICAL APERTURE	0.33
EFFECTIVE FOCAL LENGTH	4.5mm

NOTES :

- 1) LENS 1: SCHOTT BK7 GLASS
- 2) LENS 2: SCHOTT SF5 GLASS
- 3) SURFACE QUALITY: 20/10 SCRATCH/DIG
- 4) COATING: R<0.5% FOR 440nm < LAMBDA < 650nm
R<1.0% FOR 400nm < LAMBDA < 700nm

ALL DIMENSIONS ARE IN MILLIMETERS		A	N/A	ORIGINAL ISSUE	C.M.	30-SEP-2019
DRAWN BY:	DATE:	REV.	ECR REF#	DESCRIPTION	ENG. BY	DATE
P. SUMMERS	9/30/2019			UNLESS NOTED OTHERWISE, DIMENSIONS ARE IN MILLIMETERS, INCHES ARE IN SQUARE BRACKETS, AND TOLERANCES APPLY AS SHOWN BELOW.		
CHECKED BY:	DATE:	INCHES		 219 WESTBROOK ROAD OTTAWA, ONTARIO CANADA K0A 1L0	PART BARCODE #	
M/S CHECKED BY:	DATE:	BASIC DIMENSION	DECIMAL PLACES		20916	
APVD BY:	DATE:	BELOW 4	.XX .XXX			
PROJECTION:		OVER 4	.XX .XXX	DESC.		
		MILLIMETERS	.XX .XXX	ACHROMAT LENS f=4.5mm OD=3mm		
		BASIC DIMENSION	.X .XX	AR COATED FOR 400 TO 700nm		
		BELOW 101.6	±.25 ±.10	PART NO.		
		OVER 101.6	±.50 ±.20	ACH-F4.5-D3-400/700		
		ANGULAR DIMENSIONS	X .XX	REV		
		BASIC DIMENSION	±2.5° ±0.5°	A		
		ALL ANGLES		SIZE: B		
		SURFACE FINISH	MILLED 125u	DWG.# 4000-0241		
			PROFILED 63u	SHEET 1 OF 1		
				SCALE: 25:1		