REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

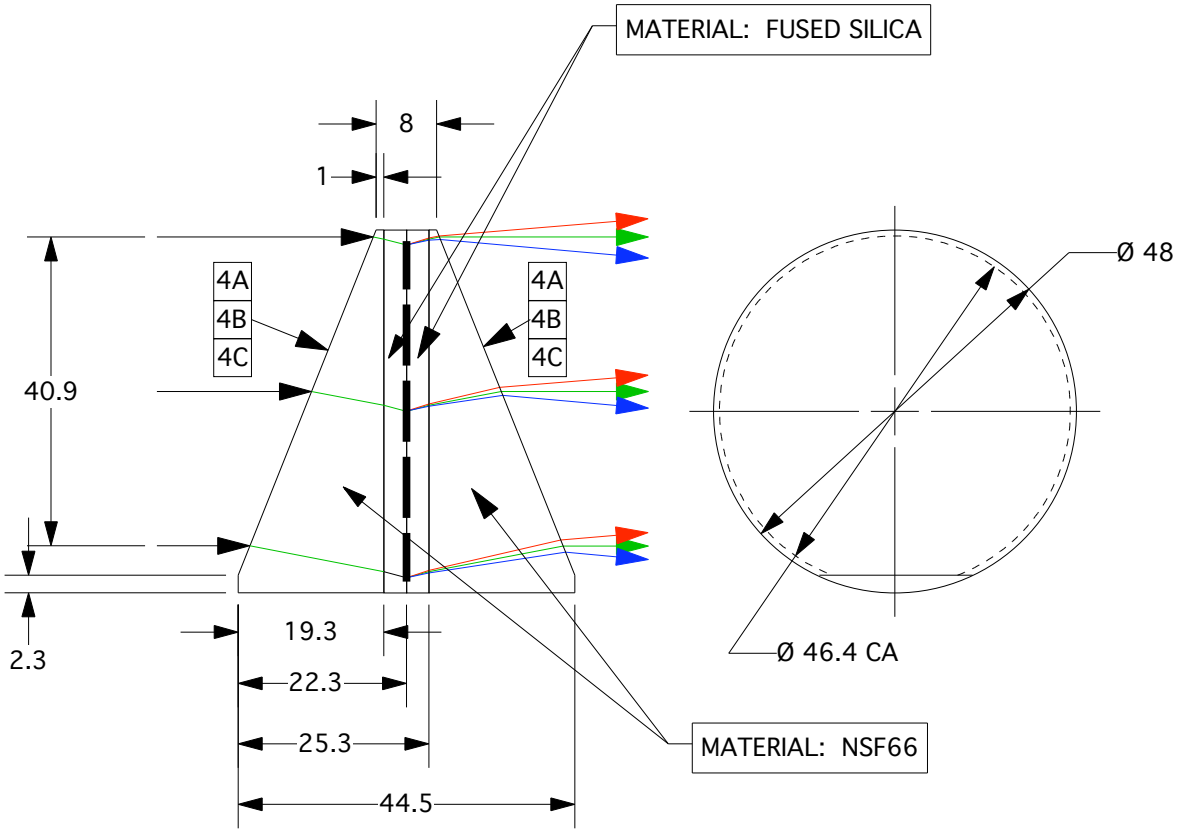
NOTES:

1. MATERIAL: PER TABLE A PER PURCHASE ORDER.
2. STRIAE GRADE A, PER MIL-G-174B.
3. BIREFRINGENCE ≤ 10 NM/CM.
4. WITHIN CLEAR APERTURE:
   A. SURFACE FLATNESS: 633 NM PEAK-TO-VALLEY OVER ENTIRE CLEAR APERTURE.
   B. SURFACE QUALITY: SCRATCH 60, DIG 40, PER MIL-O-13830.
   C. APPLY ANTI-REFLECTION COATING PER PURCHASE ORDER.
5. BREAK ALL SHARP EDGES 0.50 ± 0.25. EDGE CHIPS NOT TO EXCEED 0.50 IN ANY PLANE.
6. EDGES: 220 GRIT OR EQUIVALENT.

TABLE A

PER MIL-G-174B, OPTICAL GLASS

MATERIAL ID	TYPE
BSL7Y	TYPE 517-642 (BSL7Y), UV ENHANCED TRANSMISSION, CLASS 1, GRADE A, FINE ANNEALED, INCLUSION NO.30, PACKING LEVEL C.
BSL7 (BK7)	TYPE 517-642 (BSL7/BK7), CLASS 1, GRADE A, FINE ANNEALED, INCLUSION NO.30, PACKING LEVEL C.
FUSED SILICA	CORNING 7980 0f UV GRADE FUSED SILICA OR EQUIVALENT.
NSF66	SCHOTT N-SF66 CLASS 1, GRADE A, FINE ANNEALED, INCLUSION NO.30, PACKING LEVEL C.



QTY REQD	DESCRIPTION	CODE IDENT	PART OR IDENTIFYING NO.	ITEM

PARTS LIST

PROPRIETARY NOTICE

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM KAISER OPTICAL SYSTEMS, INC.

DASH NO.	NEXT ASSY	USED ON

APPLICATION

UNLESS OTHERWISE SPECIFIED INTERPRET THIS DRAWING PER DOD-STD-100

PARTS TO BE FREE OF BURRS AND SHARP EDGES

SOLDER PER MIL-STD-454, REQT 5

COMMERCIAL TOLERANCES APPLY TO STOCK SIZES

WORKMANSHIP PER MIL-STD-454, REQT 9

IDENTIFYING NUMBERS SHOWN IN PARENTHESIS FOR REFERENCE ONLY

DIMENSIONAL LIMITS APPLY AFTER FINISH PROCESSING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS

TOLERANCES: .XX ± 0.05, .XXX ±, ANGLES ± 0.05°

SURFACE TEXTURE:

MATERIAL:

FINISH:

CONTRACT NO.

DWN	J. ARNS 10/16/2007	QA	
CHK		MFG	
MECH		RELBL	
ELEC		PROJ ENG	
OPTICAL		PROJ MGR	
APVD CUSTOMER			

KAISER OPTICAL SYSTEMS, INC.
A ROCKWELL COLLINS COMPANY
ANN ARBOR, MICHIGAN 48106

TITLE: GRISM, VPH-PP-1070-656

SIZE	FSCM NO.	DWG NO.	REV
A		UNRELEASED	X

SCALE 1:1 | WT - | SHEET 1 OF 1