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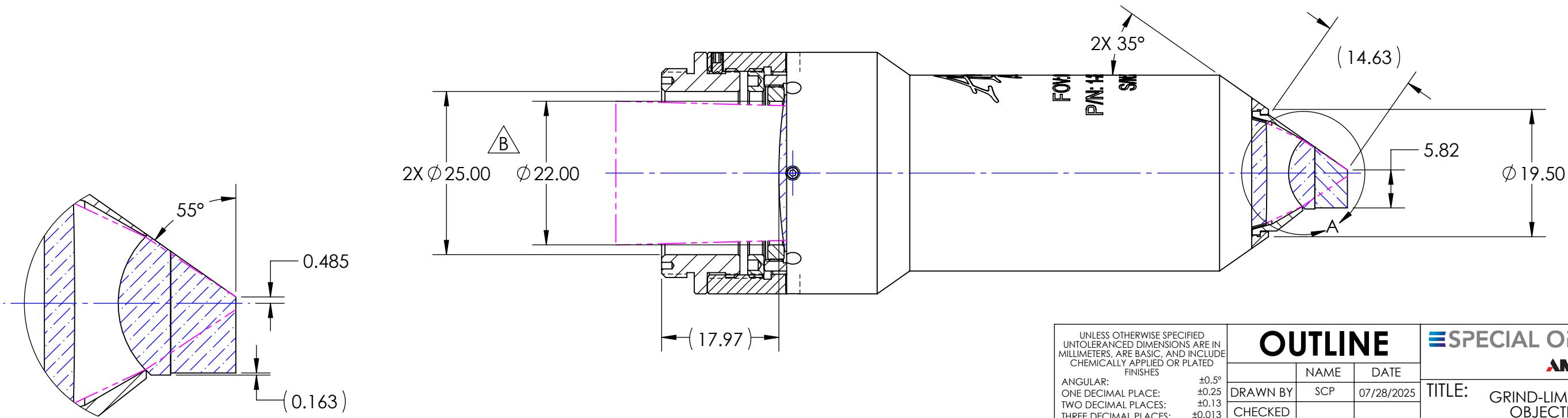
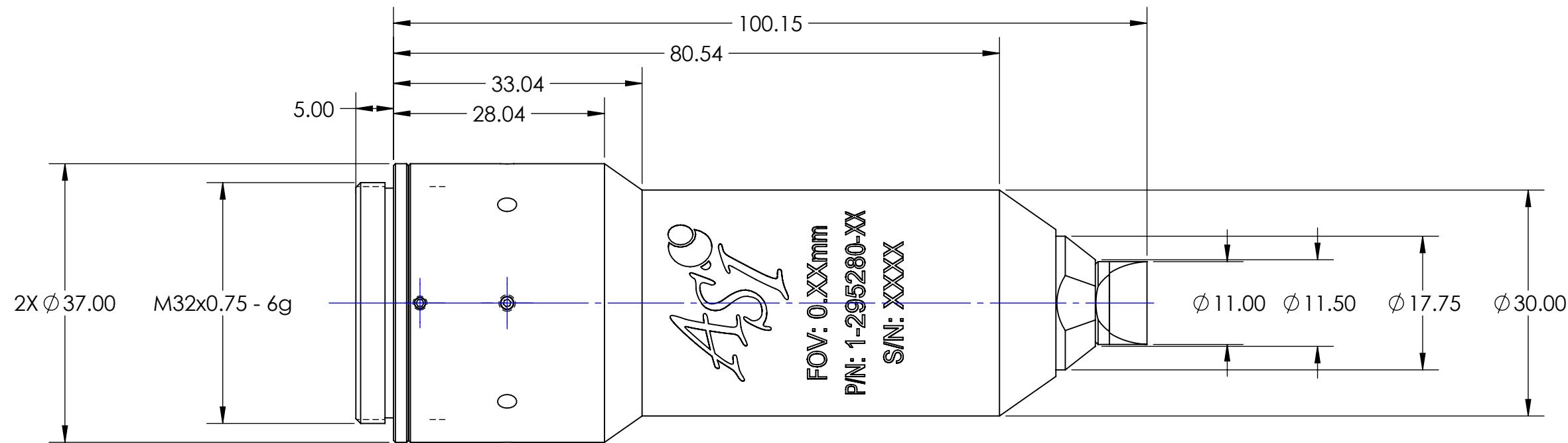
1

NOTES:

1. GLOSS BLACK ANODIZE, MIL-A-8625F, TYPE II, CLASS 2, BLACK,
ROHS COMPLIANT (NOT SHOWN FOR DRAWING CLARITY)

REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PROTOTYPE	8/1/2025	SCP
	A	UPDATED GRIND DEPTH, CH'D THREAD TO M32X0.75, REDUCED WEIGHT (WAS 234G)	8/14/2025	CJR
B6, 3-B6	B	ADDED LASER MARKING, INCREASED I.D. OF THREAD ADAPTER & RETAINER, UPDATED TITLE AND PART NUMBER	8/25/2025	CJR



DETAIL A
SCALE 3 : 1

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THE WRITTEN PERMISSION OF SPECIAL
OPTICS IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED
UNTOLERANCED DIMENSIONS ARE IN
MILLIMETERS, ARE BASIC, AND INCLUDE
CHEMICALLY APPLIED OR PLATED
FINISHES

ANGULAR: $\pm 0.5^\circ$
ONE DECIMAL PLACE: ± 0.25
TWO DECIMAL PLACES: ± 0.13
THREE DECIMAL PLACES: ± 0.013
MAX SURF. ROUGHNESS: 0.4

INTERPRET GEOMETRIC TOLERANCING
PER: ASME Y14.5M, 1994

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

OUTLINE

NAME	DATE
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DRAWN BY	SCP
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CHECKED	
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PROJECT #	E4386
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MATERIAL:	6061-T6 ALUMINUM
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FINISH:	SEE NOTES
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E SPECIAL OPTICS® Special Optics Inc.
AMETEK® 3 Stewart Court
Denville, NJ 07885

TITLE: GRIND-LIMITED FOV 0.9mm
OBJECTIVE ASSEMBLY
57-14-7 @ 450-750nm

SIZE **PART NUMBER** **REV**
B **1-295280-01** **B**

SCALE: 3:2 **WEIGHT:** 184.88g **SHEET** 2 OF 3

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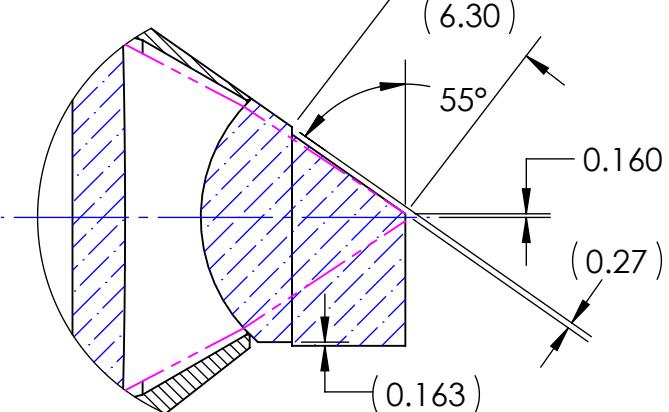
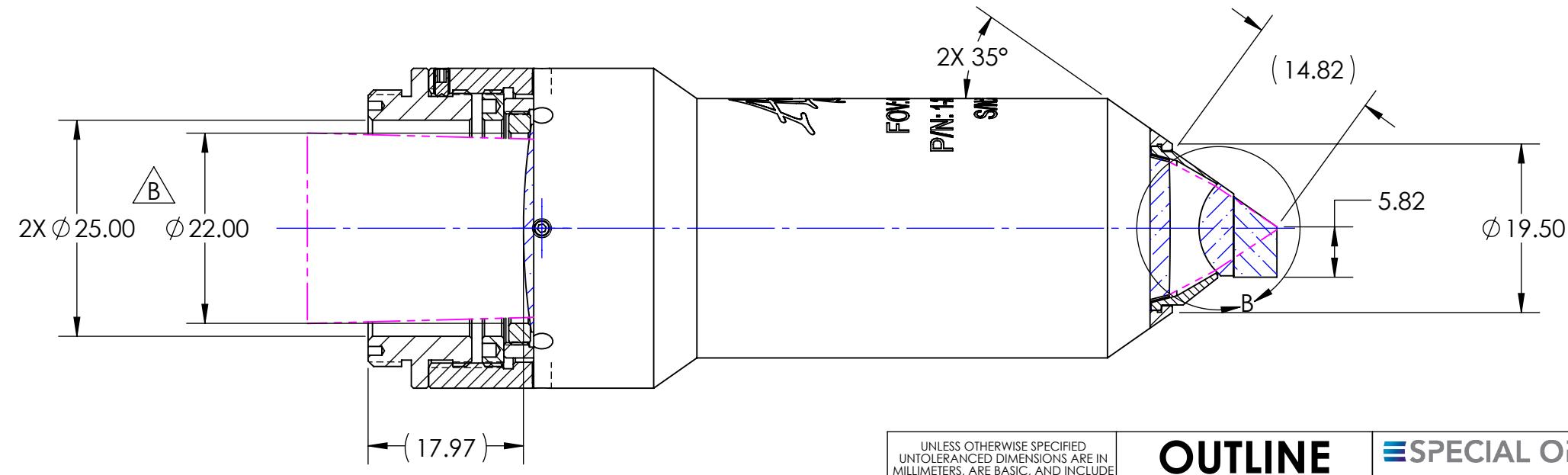
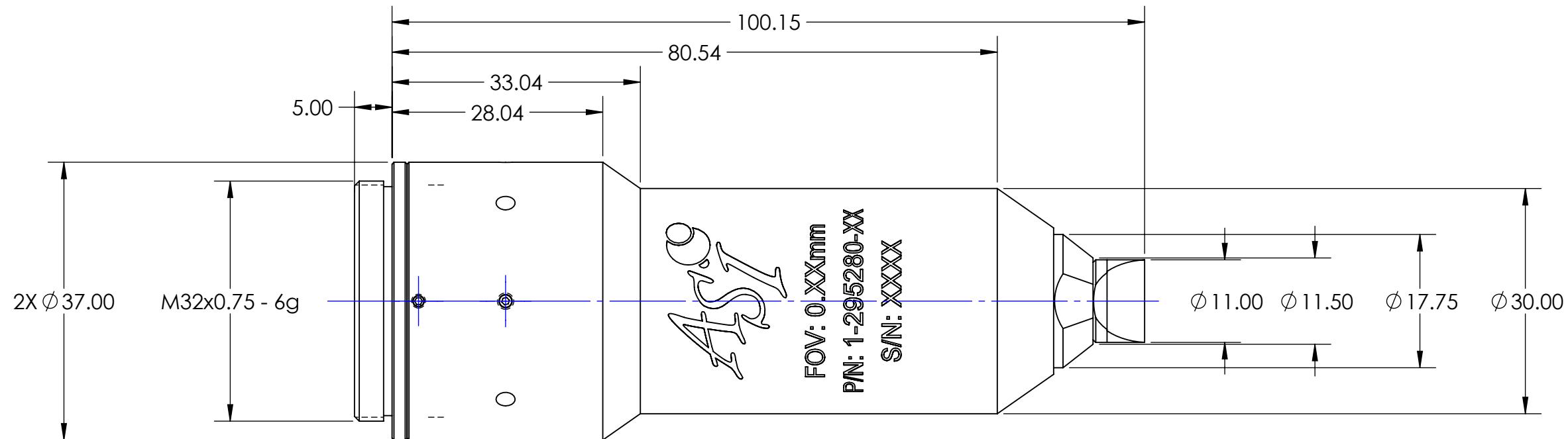
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NOTES:

1. GLOSS BLACK ANODIZE, MIL-A-8625F, TYPE II, CLASS 2, BLACK,
ROHS COMPLIANT (NOT SHOWN FOR DRAWING CLARITY)

REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PROTOTYPE	8/1/2025	SCP
	A	UPDATED GRIND DEPTH, CH'D THREAD TO M32X0.75, REDUCED WEIGHT (WAS 234G)	8/14/2025	CJR
2-B6, B6	B	ADDED LASER MARKING, INCREASED I.D. OF THREAD ADAPTER & RETAINER, UPDATED TITLE AND PART NUMBER	8/25/2025	CJR



DETAIL B
SCALE 3 : 1

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THREE DECIMAL PLACES: ± 0.013
MAX SURF. ROUGHNESS: 0.4

INTERPRET GEOMETRIC TOLERANCING
PER: ASME Y14.5M, 1994

THIRD ANGLE PROJECTION

FINISH: SEE NOTES

DO NOT SCALE DRAWING

OUTLINE

ESPECIAL OPTICS®
AMETEK®
Special Optics Inc.
3 Stewart Court
Denville, NJ 07885

TITLE: GRIND-LIMITED FOV 0.25mm
OBJECTIVE ASSEMBLY
57-14-7 @ 450-750nm

SIZE	PART NUMBER	REV
B	1-295280-02	B
SCALE: 3:2	WEIGHT: 184.88g	SHEET 3 OF 3