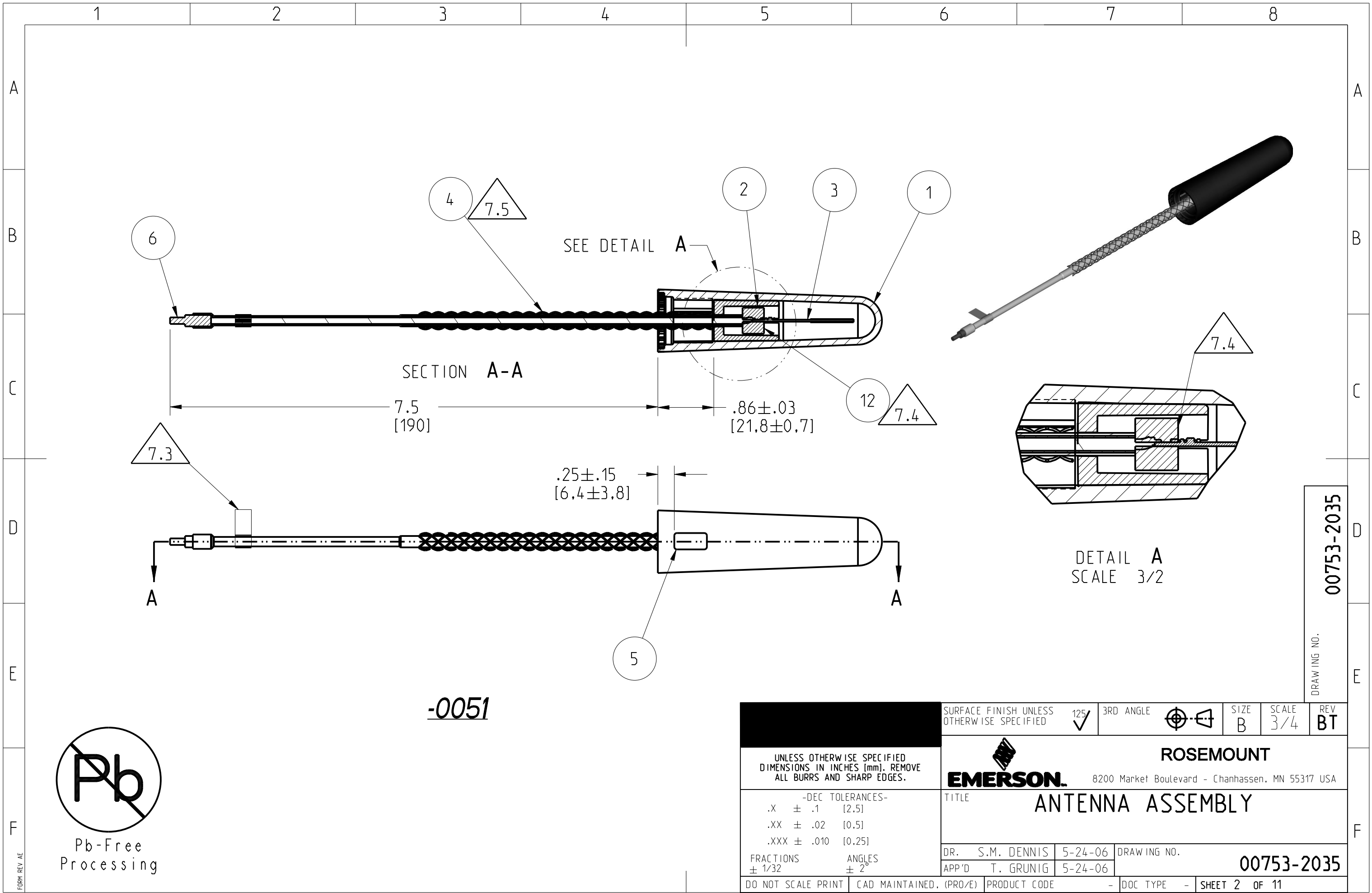
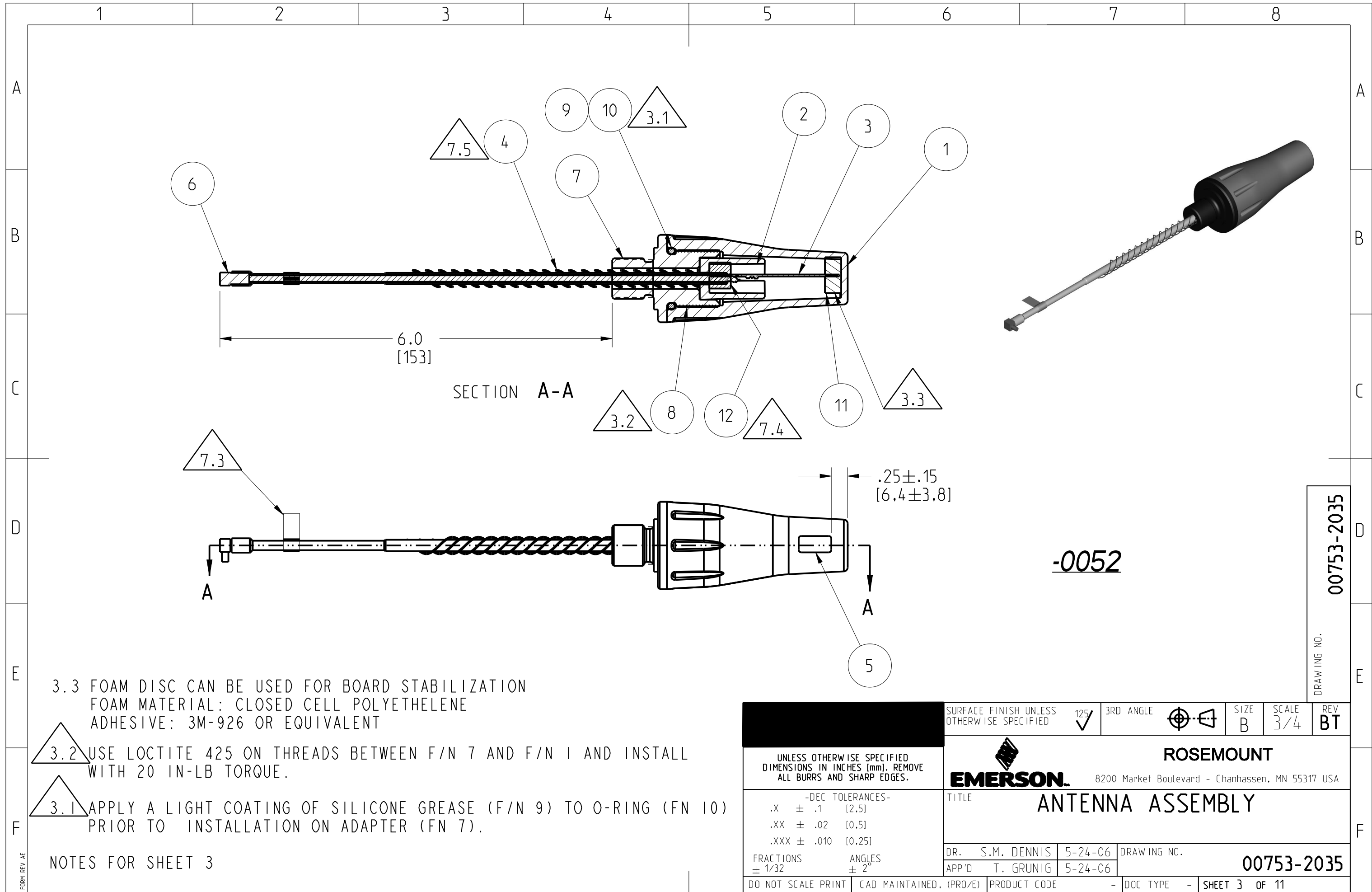
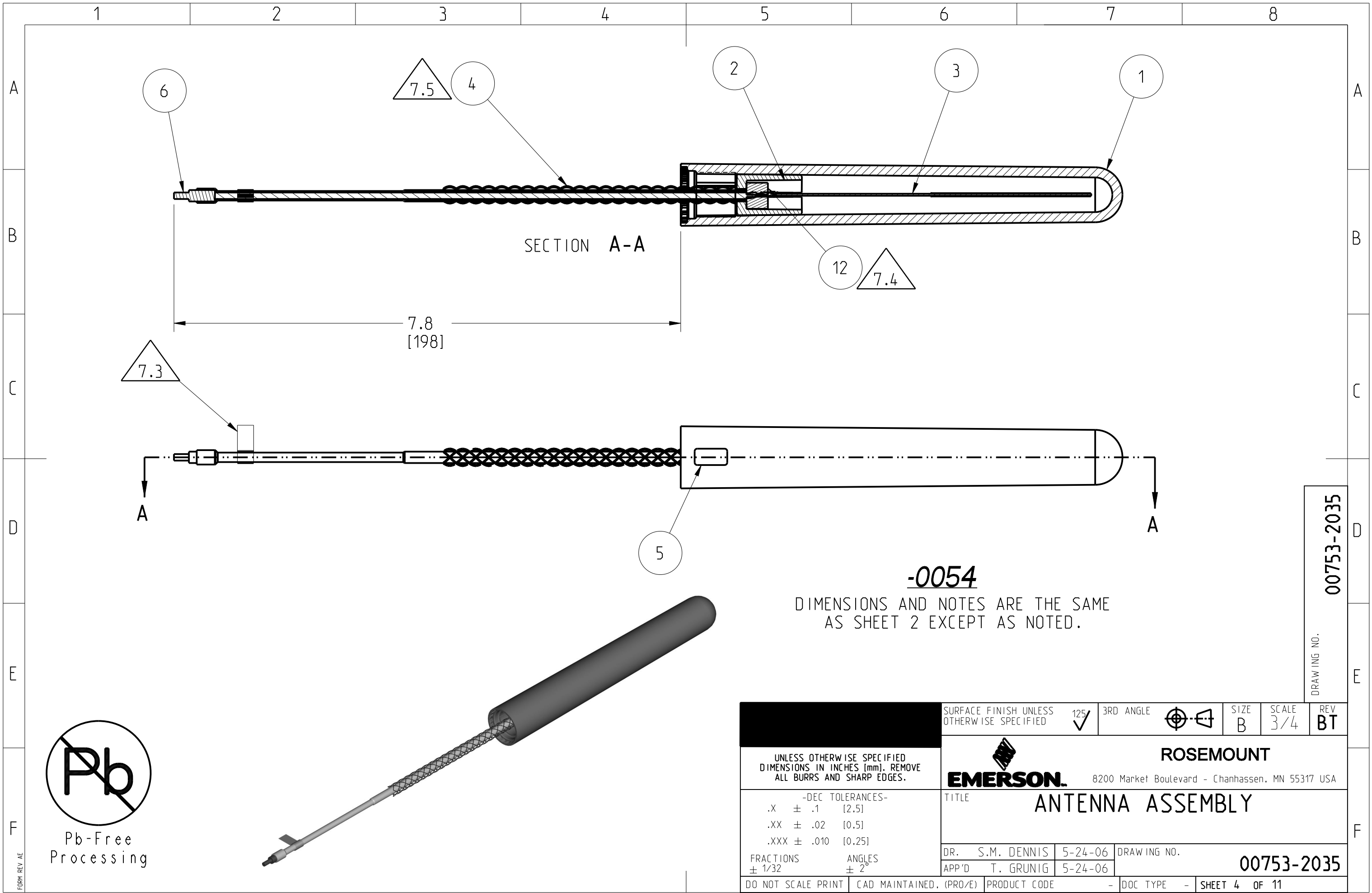




UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES [mm]. REMOVE ALL BURRS AND SHARP EDGES.		SURFACE FINISH UNLESS OTHERWISE SPECIFIED		125	3RD ANGLE		SIZE B	SCALE 3/4	REV BT
-DEC TOLERANCES- .X ± .1 [2.5] .XX ± .02 [0.5] .XXX ± .010 [0.25] FRACTIONS ± 1/32 ANGLES ± 2°		ROSEMOUNT 8200 Market Boulevard - Chanhassen, MN 55317 USA TITLE ANTENNA ASSEMBLY							
DO NOT SCALE PRINT		CAD MAINTAINED. (PRO/E)		PRODUCT CODE		- DOC TYPE -		SHEET 2 OF 11	
		DR. S.M. DENNIS		5-24-06		DRAWING NO.		00753-2035	
		APP'D T. GRUNIG		5-24-06					





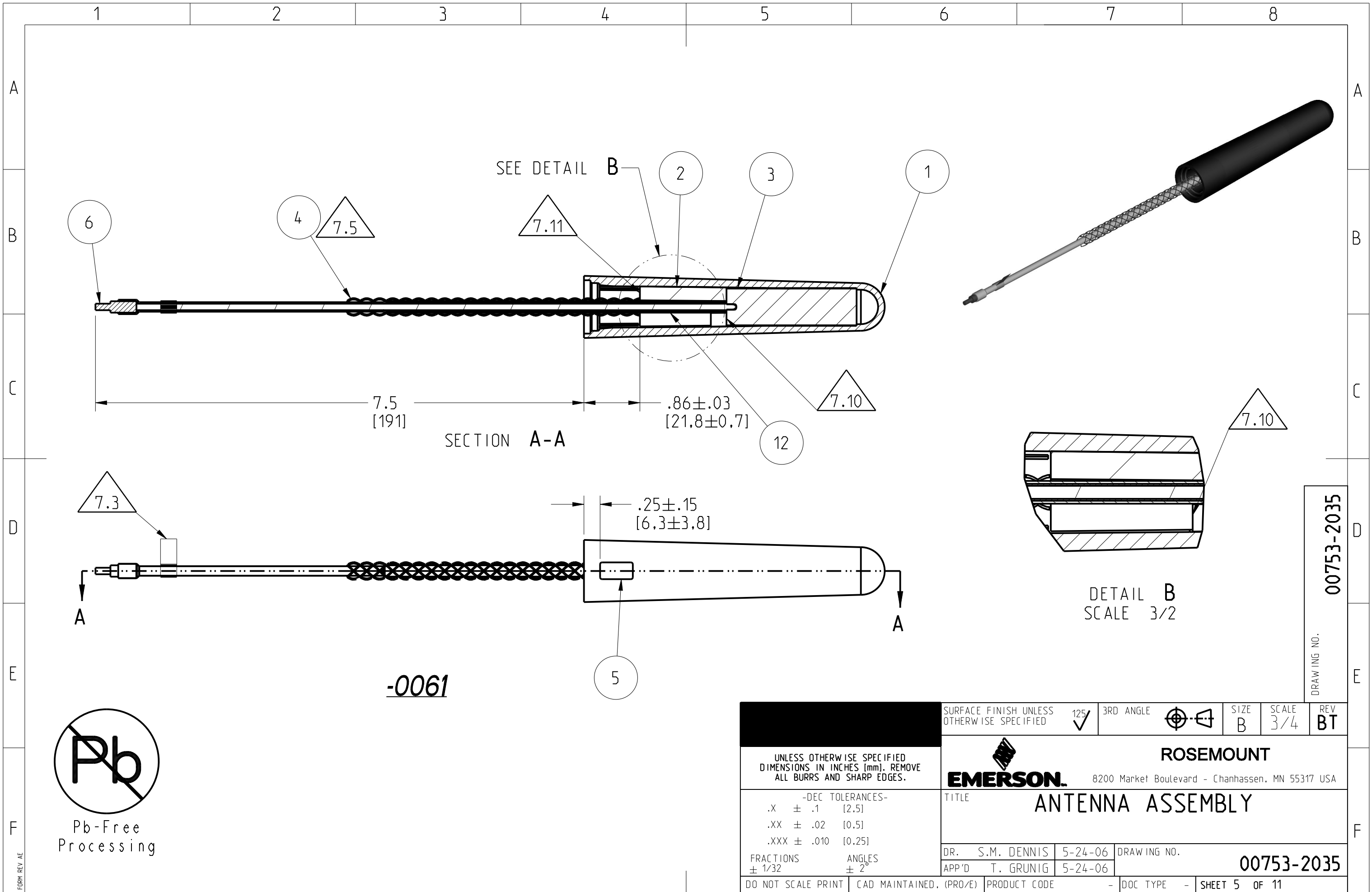
-0054

DIMENSIONS AND NOTES ARE THE SAME AS SHEET 2 EXCEPT AS NOTED.



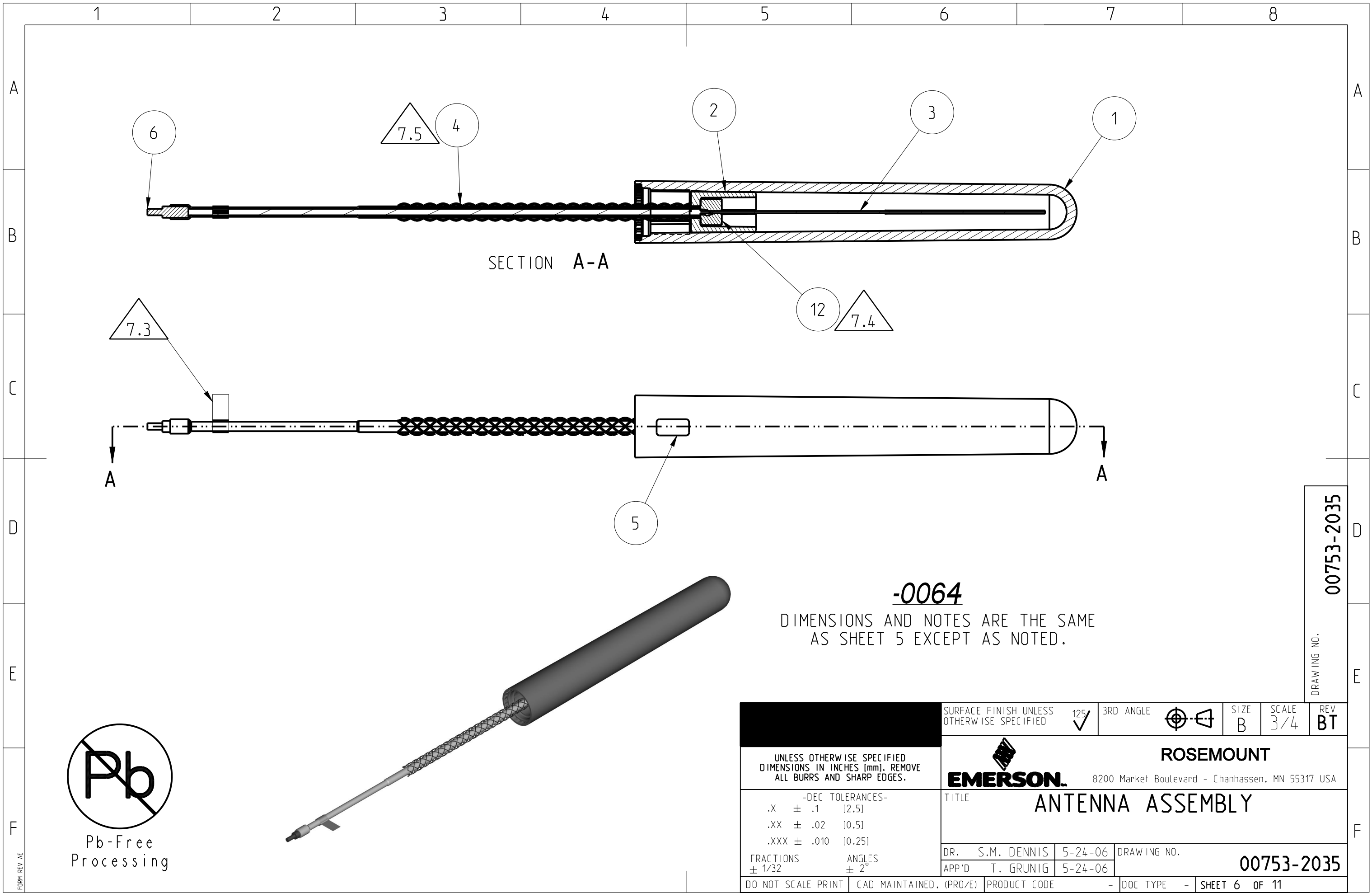
UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES [mm]. REMOVE ALL BURRS AND SHARP EDGES.		SURFACE FINISH UNLESS OTHERWISE SPECIFIED		125	3RD ANGLE		SIZE B	SCALE 3/4	REV BT
-DEC TOLERANCES-		ROSEMOUNT 8200 Market Boulevard - Chanhassen, MN 55317 USA							
.X ± .1 [2.5] .XX ± .02 [0.5] .XXX ± .010 [0.25]		TITLE ANTENNA ASSEMBLY							
FRACTIONS ± 1/32		DR. S.M. DENNIS	5-24-06	DRAWING NO.		00753-2035			
ANGLES ± 2°		APP'D T. GRUNIG	5-24-06	DO NOT SCALE PRINT		CAD MAINTAINED, (PRO/E)	PRODUCT CODE	-	DOC TYPE -
								SHEET 4 OF 11	

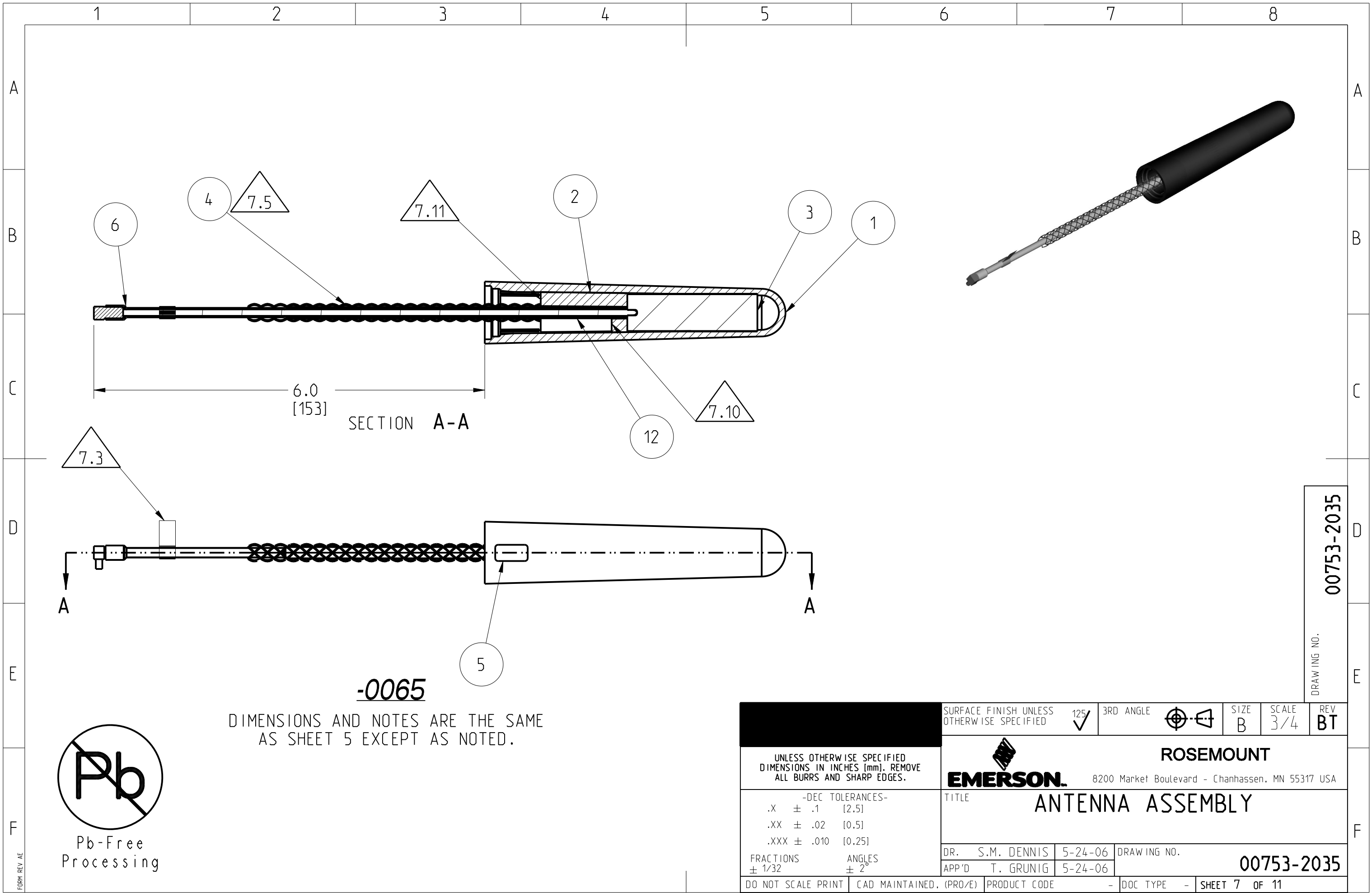
DRAWING NO. 00753-2035



-0061

UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES [mm]. REMOVE ALL BURRS AND SHARP EDGES.		SURFACE FINISH UNLESS OTHERWISE SPECIFIED		125 ✓	3RD ANGLE				SIZE B	SCALE 3/4	REV BT		
		EMERSON ROSEMOUNT 8200 Market Boulevard - Chanhassen, MN 55317 USA											
-DEC TOLERANCES- .X ± .1 [2.5] .XX ± .02 [0.5] .XXX ± .010 [0.25] FRACTIONS ANGLES ± 1/32 ± 2°		TITLE ANTENNA ASSEMBLY											
		DR. S.M. DENNIS		5-24-06		DRAWING NO.							
		APP'D T. GRUNIG		5-24-06		00753-2035							
DO NOT SCALE PRINT		CAD MAINTAINED, (PRO/E)		PRODUCT CODE		-		DOC TYPE		-		SHEET 5 OF 11	

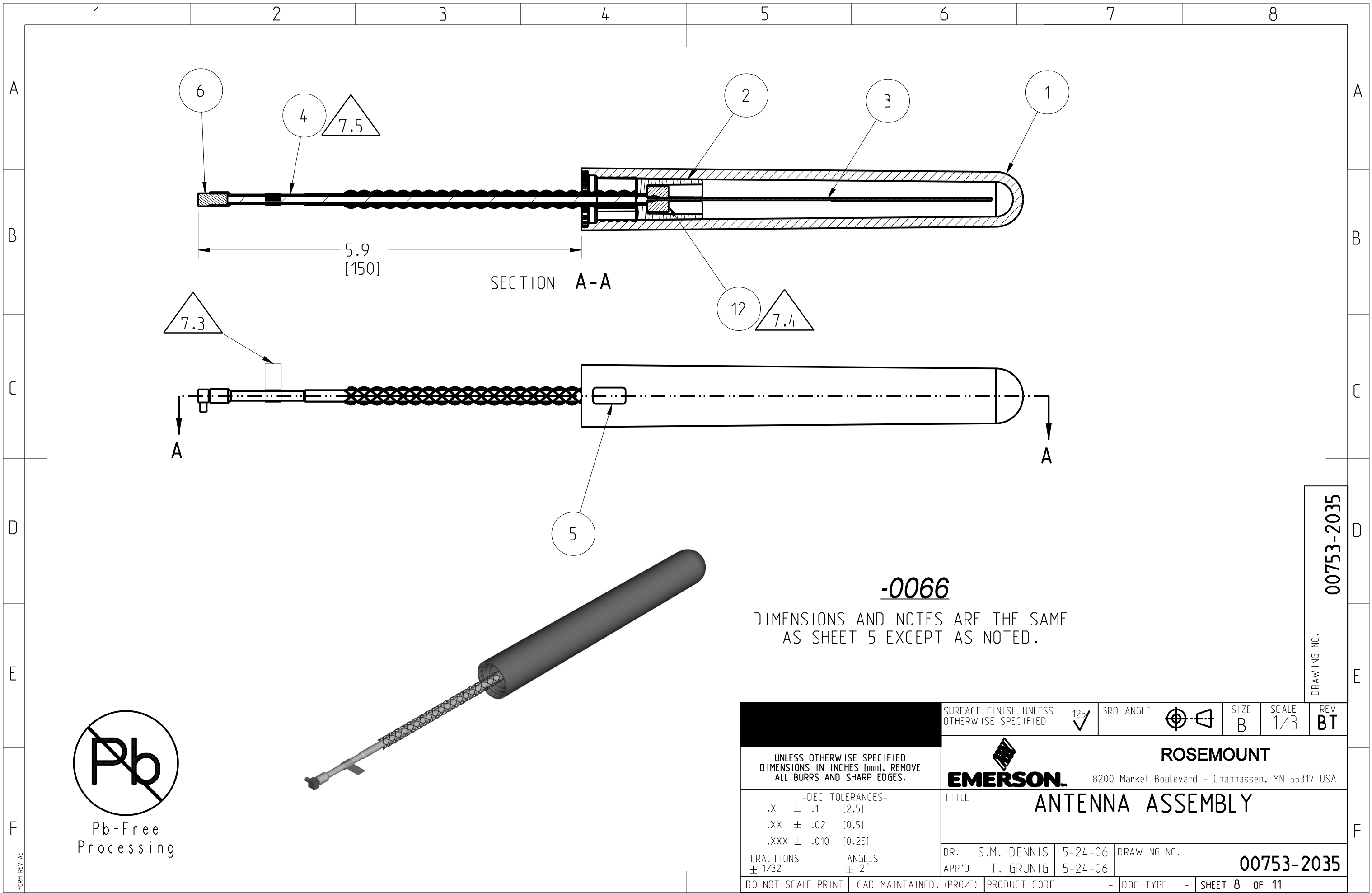


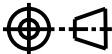


-0065
DIMENSIONS AND NOTES ARE THE SAME
AS SHEET 5 EXCEPT AS NOTED.

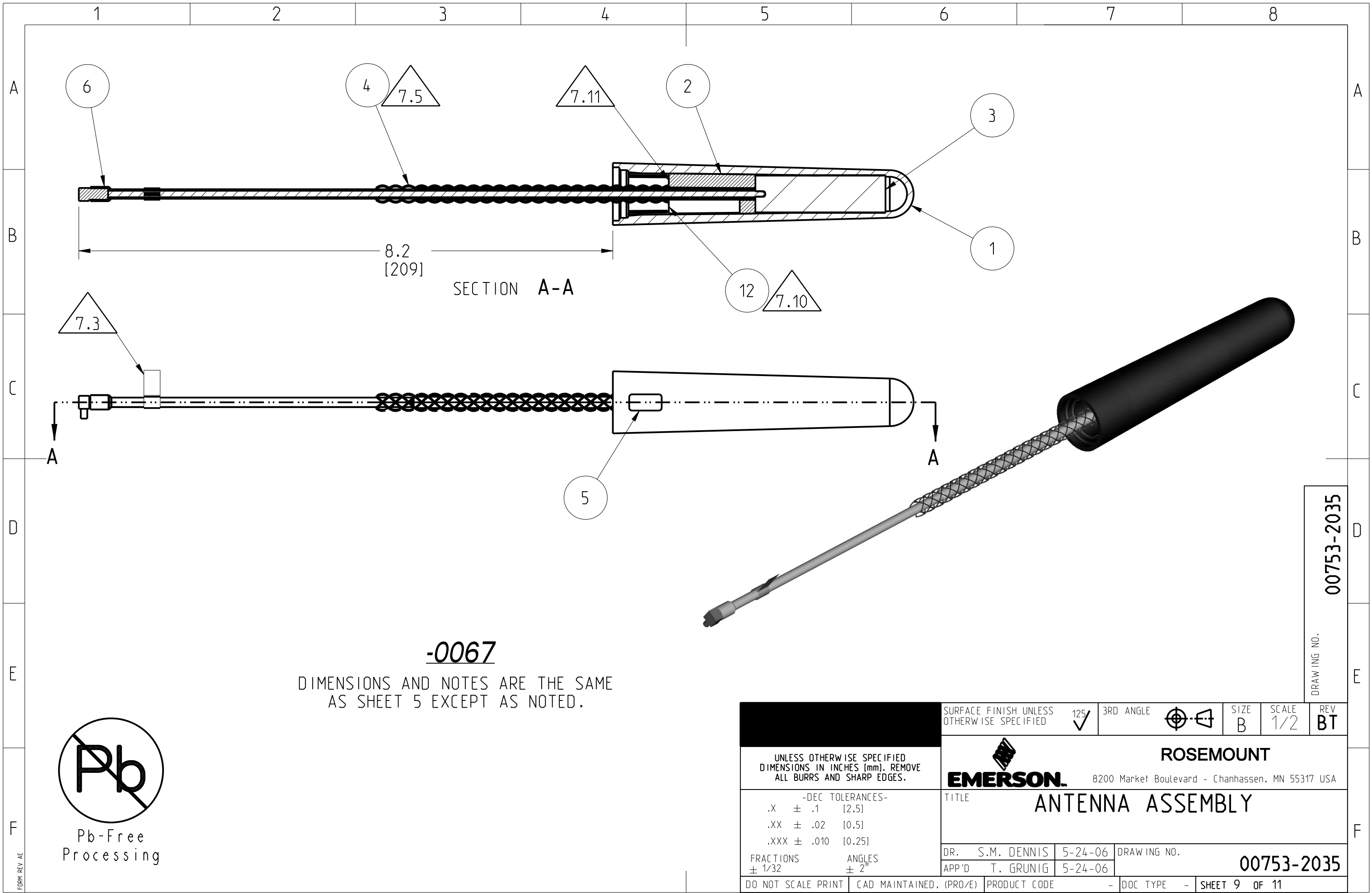
		SURFACE FINISH UNLESS OTHERWISE SPECIFIED		125 ✓	3RD ANGLE		SIZE B	SCALE 3/4	REV BT
UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES (mm). REMOVE ALL BURRS AND SHARP EDGES.		ROSEMOUNT EMERSON 8200 Market Boulevard - Chanhassen, MN 55317 USA							
		-DEC TOLERANCES- .X ± .1 [2.5] .XX ± .02 [0.5] .XXX ± .010 [0.25] FRACTIONS ± 1/32 ANGLES ± 2°		TITLE ANTENNA ASSEMBLY					
				DR. S.M. DENNIS	5-24-06	DRAWING NO.			00753-2035
		APP'D T. GRUNIG	5-24-06						
DO NOT SCALE PRINT	CAD MAINTAINED. (PRO/E)	PRODUCT CODE		-	DOC TYPE	-	SHEET 7 OF 11		

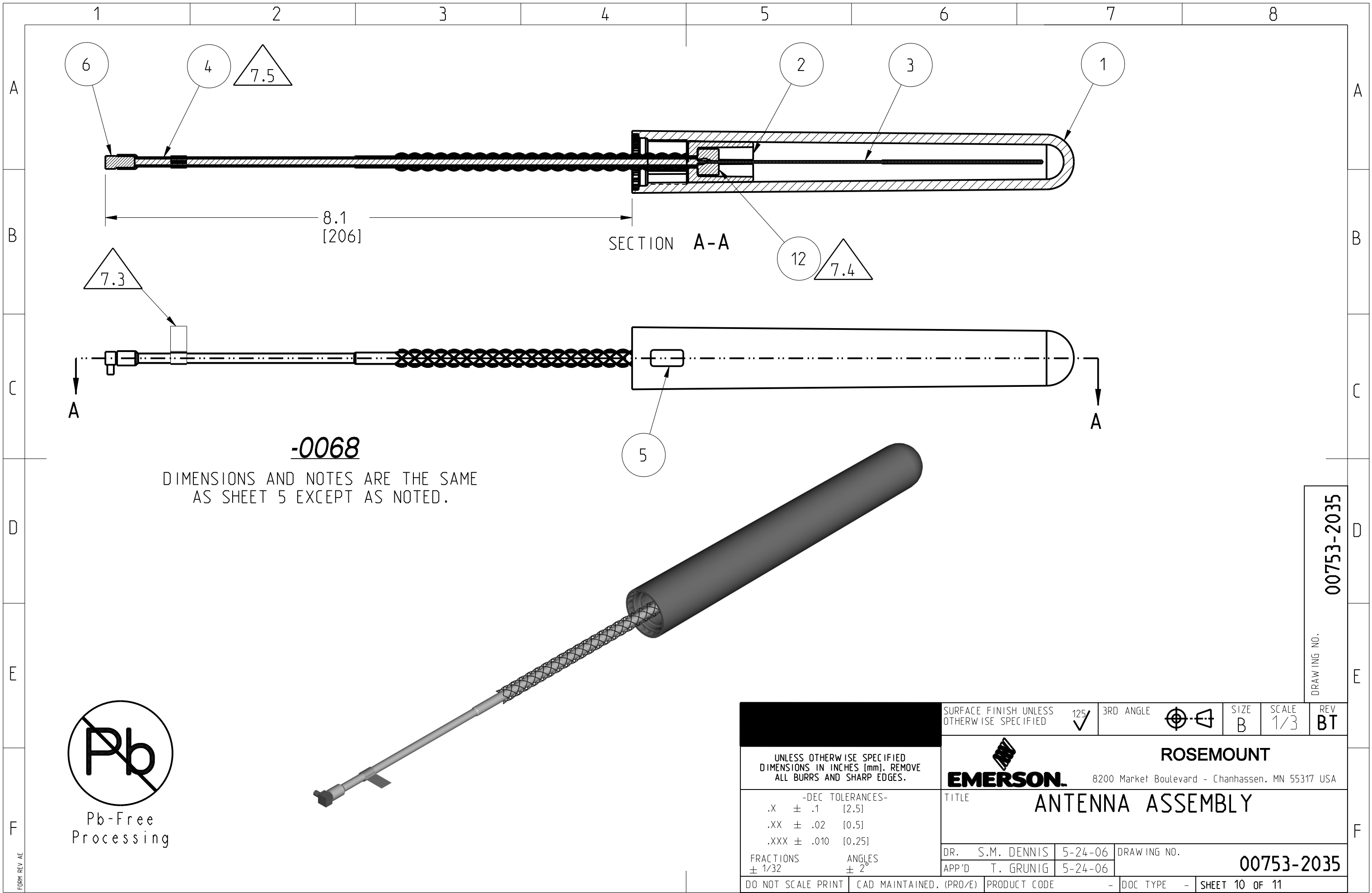
DRAWING NO.
00753-2035



		SURFACE FINISH UNLESS OTHERWISE SPECIFIED		125 ✓	3RD ANGLE 		SIZE B	SCALE 1/3	REV BT
UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES [mm]. REMOVE ALL BURRS AND SHARP EDGES.		EMERSON ROSEMOUNT 8200 Market Boulevard - Chanhassen, MN 55317 USA							
-DEC TOLERANCES- .X ± .1 [2.5] .XX ± .02 [0.5] .XXX ± .010 [0.25] FRACTIONS ± 1/32 ANGLES ± 2°		TITLE ANTENNA ASSEMBLY							
		DR. S.M. DENNIS	5-24-06	DRAWING NO.					00753-2035
		APP'D T. GRUNIG	5-24-06						
DO NOT SCALE PRINT	CAD MAINTAINED. (PRO/E)	PRODUCT CODE			-	DOC TYPE	-	SHEET 8 OF 11	

DRAWING NO. 00753-2035





UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES (mm). REMOVE ALL BURRS AND SHARP EDGES.		SURFACE FINISH UNLESS OTHERWISE SPECIFIED		125 ✓	3RD ANGLE		SIZE B	SCALE 1/3	REV BT		
		EMERSON ROSEMOUNT 8200 Market Boulevard - Chanhassen, MN 55317 USA									
-DEC TOLERANCES- .X ± .1 [2.5] .XX ± .02 [0.5] .XXX ± .010 [0.25] FRACTIONS ± 1/32 ANGLES ± 2°		TITLE ANTENNA ASSEMBLY									
		DR. S.M. DENNIS		5-24-06		DRAWING NO.					
		APP'D T. GRUNIG		5-24-06		00753-2035					
DO NOT SCALE PRINT		CAD MAINTAINED. (PRO/E)		PRODUCT CODE		-	DOC TYPE		-	SHEET 10 OF 11	

DRAWING NO. 00753-2035

	1	2	3	4	5	6	7	8													
A									A												
B									B												
C									C												
D									D												
E	7.2. ANTENNA TYPE: COLLINEAR ARRAY OF DIPOLES 7.1. ELECTRICAL CHARACTERISTICS BETWEEN 2.4000 TO 2.4835 GHz: 100% VSWR TEST REQUIRED. ▽ <table><tr><th>DASH NO.</th><th>VSWR LIMIT</th><th>NOMINAL IMPEDANCE</th><th>GAIN NOMINAL</th></tr><tr><td>-0054</td><td>2.2:1 MAX</td><td>50Ω</td><td>4.5 dBi</td></tr><tr><td>-0064/-0066/-0068</td><td>1.9:1 MAX</td><td>50Ω</td><td>4.5 dBi</td></tr></table>								DASH NO.	VSWR LIMIT	NOMINAL IMPEDANCE	GAIN NOMINAL	-0054	2.2:1 MAX	50Ω	4.5 dBi	-0064/-0066/-0068	1.9:1 MAX	50Ω	4.5 dBi	E
DASH NO.	VSWR LIMIT	NOMINAL IMPEDANCE	GAIN NOMINAL																		
-0054	2.2:1 MAX	50Ω	4.5 dBi																		
-0064/-0066/-0068	1.9:1 MAX	50Ω	4.5 dBi																		
F	NOTES:								F												

FORM REV AE

UNLESS OTHERWISE SPECIFIED
DIMENSIONS IN INCHES [mm]. REMOVE
ALL BURRS AND SHARP EDGES.

-DEC TOLERANCES-

.X ± .1 [2.5]

.XX ± .02 [0.5]

.XXX ± .010 [0.25]

FRACTIONS ± 1/32

ANGLES ± 2°

EMERSON

ROSEMOUNT

8200 Market Boulevard - Chanhassen, MN 55317 USA

TITLE

ANTENNA ASSEMBLY

DR. S.M. DENNIS

5-24-06

DRAWING NO.

00753-2035

APP'D T. GRUNIG

5-24-06

DO NOT SCALE PRINT

CAD MAINTAINED. (PRO/E)

PRODUCT CODE

-

DOC TYPE

-

SHEET 11 OF 11

125

✓

SURFACE FINISH UNLESS
OTHERWISE SPECIFIED

3RD ANGLE

SIZE B

SCALE 3/4

REV BT

DRAWING NO.

00753-2035