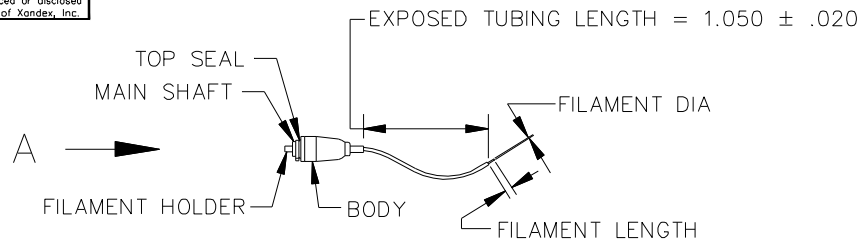


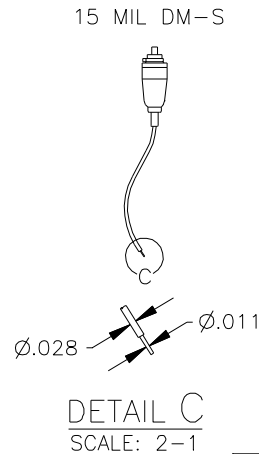
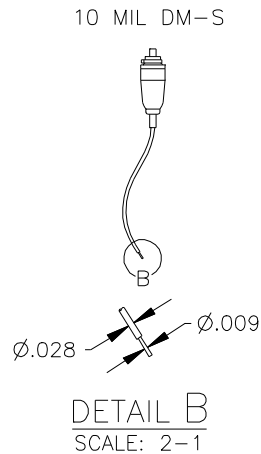
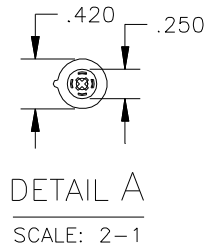
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REVISIONS

REV	DESCRIPTION	CHANGE NUMBER	BY	DATE	APPROVED
A	INITIAL RELEASE	1776	JMc	01/25/99	




MODEL	CARTRIDGE SIZE/TYPE	FILAMENT DIA NOM	FILAMENT LENGTH ¹	NEEDLE O.D. ±.0008
DM-S	10/FILAMENT	9.0 MIL	.120-.125	.0280
DM-S	15/FILAMENT	11.0 MIL	.120-.125	.0280



NOTES:

¹ FILAMENT LENGTH APPLIES WHEN THE CARTRIDGE IS SEALED AND THE FILAMENT HOLDER IS PRESSED AGAINST THE MAIN SHAFT.

APPROVALS	DATE	ITEM	QTY	PART NUMBER	DESCRIPTION
DRAWN JMc	1/25/99	INTERPRET DRAWING PER ASME Y14.5M-1994			 1125 N. McDOWELL BLVD. PETALUMA, CA 94954 (707) 763 7799
CHECKED		TOLERANCES UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DECIMALS			
O.C.		NEXT ASSEMBLIES.....USED ON			TITLE DM-S CARTRIDGE OUTLINE DRAWING
ENGRG		1 PL ± FRACTIONS ±			DO NOT SCALE DRAWING
MFG ENGRG		2 PL ± ANGLES ±			SIZE B
		3 PL ± ALL SURFACES ✓			SCALE 1/1
					SHEET 1 of 1
					DRAWING NUMBER 901-0040
					REV A