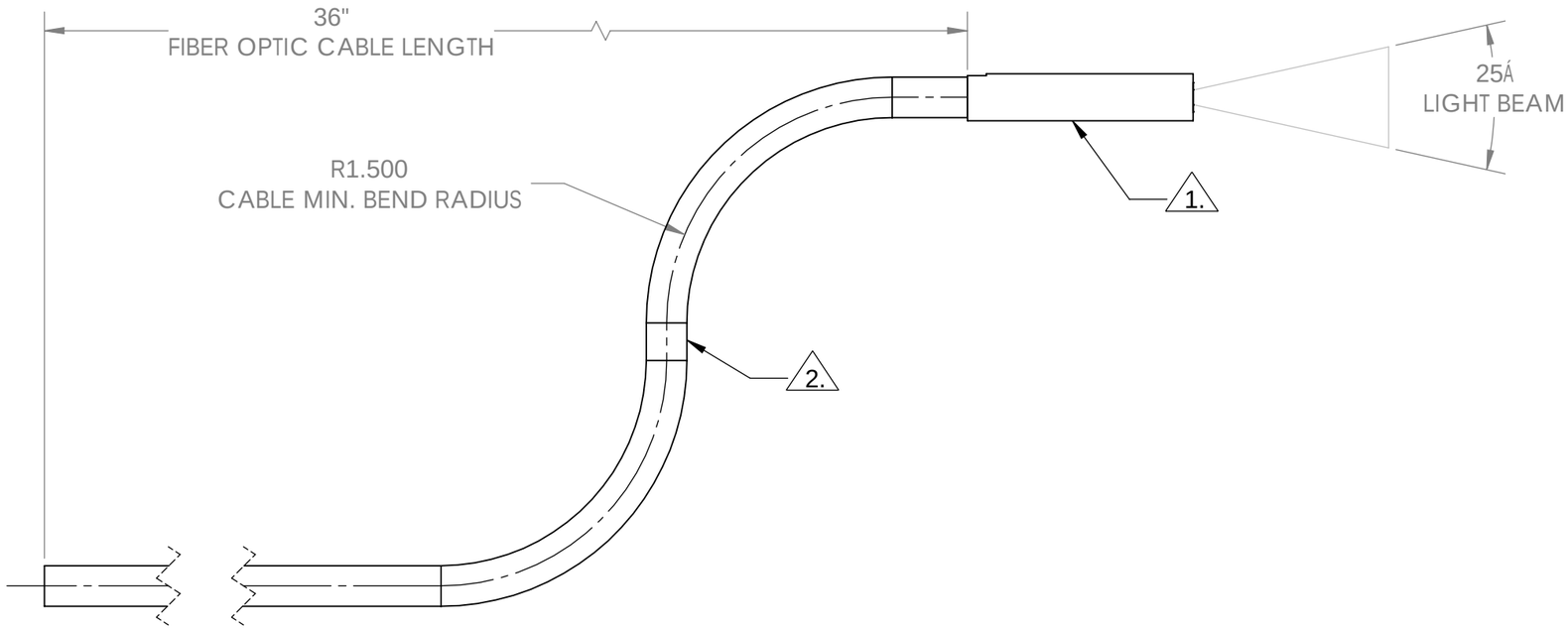
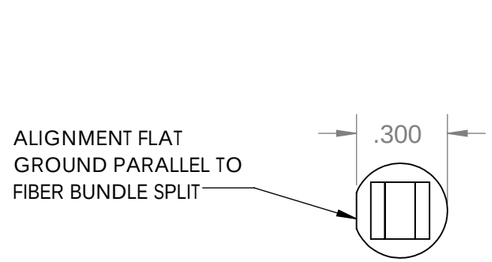
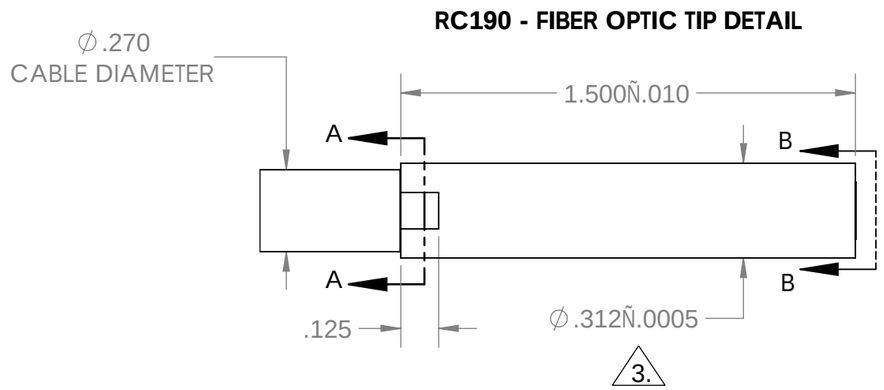
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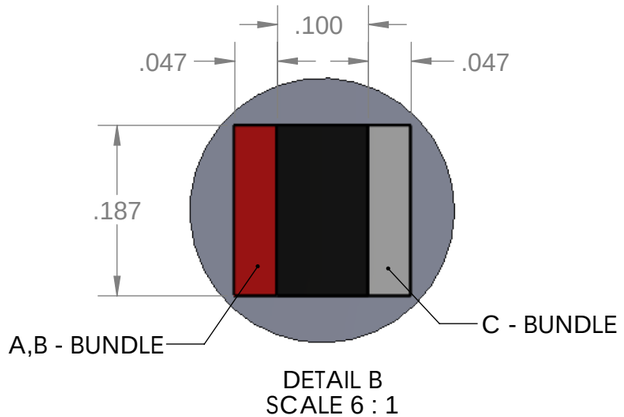
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
100	INITIAL RELEASE OF SOLID WORKS MODEL & DRAWING.	12/15/2017	CDR



RC190 - FIBER OPTIC TIP DETAIL







DETAIL B
SCALE 6 : 1

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. TIP BODY MATERIAL : 304 STAINLESS STEEL
2. CABLE MATERIAL : PVC JACKET OVER SS MONOCOIL
3. STANDARD SENSOR TIPS USE STAINLESS STEEL TYPE 304 HYPODERMIC NEEDLE TUBING WITH TIGHT TOLERANCING (∅ ±.0005).
4. OPTION T1 - CUSTOM SENSOR TIP DIMESIONS
   1. PLEASE SEE - www.philtec.com/downloadssupport/documentlibrary/documents/options/T1.pdf
5. OPTION T2 - THREADED SENSOR TIP
   1. PLEASE SEE - www.philtec.com/downloadssupport/documentlibrary/documents/options/T2.pdf

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGULAR: MACH ±1° BEND ±3°
FRACTIONAL ±1/16
ONE PLACE DECIMAL ±.010
TWO PLACE DECIMAL ±.010
THREE PLACE DECIMAL ±.005

DRAWING INDICATES CRITICAL-TO-FUNCTION (CTF) DIMENSIONS ONLY. ASSOCIATED CAD FILE DEFINES ALL NON-DIMENSIONED FEATURES.

INTERPRET DIMENSIONS AND TOLERANCES PER: ANSI Y14.5M - 1994 (R2004).

PHILTEC
FIBER OPTIC SENSORS

	NAME	DATE
DRAWN	CDR	1/31/2018
CHECKED	CDR	1/31/2018

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION

PHILTEC INC.
ANNAPOLIS, MD 21409

DESCRIPTION:
FIBER OPTIC SENSOR

PART #/CAD FILE: **RC190**

REV 100

DWG. FILE: RC190

SHEET 1 OF 1