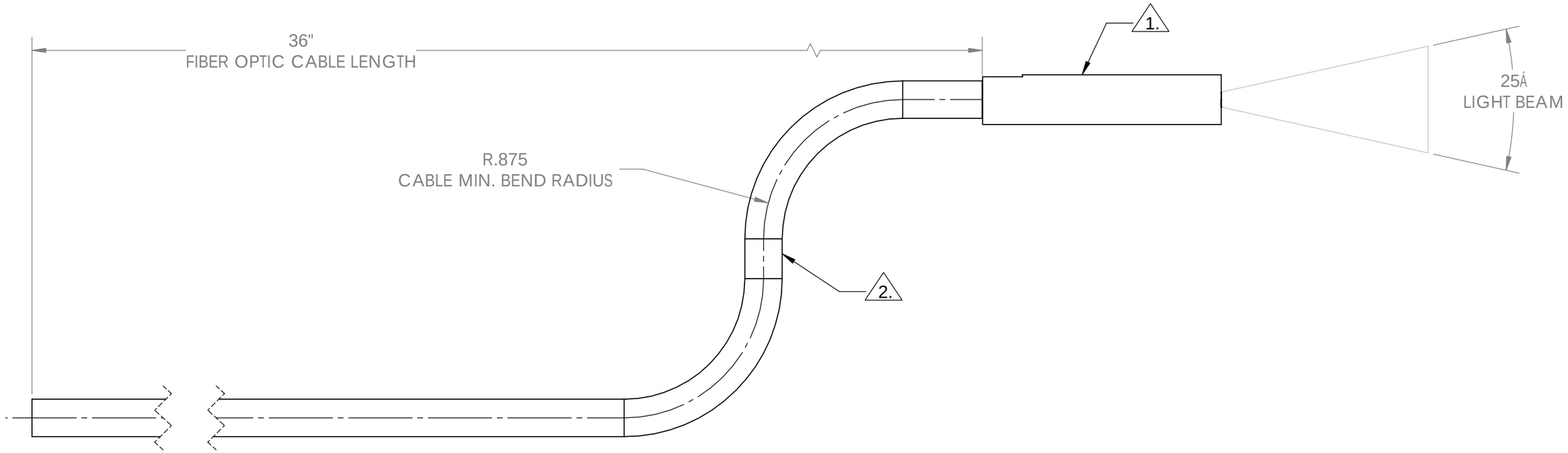
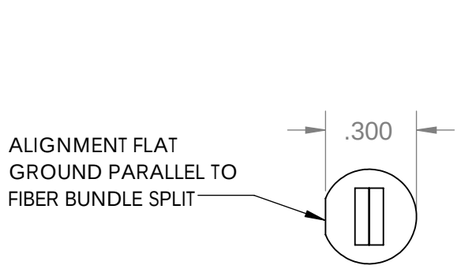
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF PHILTEC INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF PHILTEC INC. IS PROHIBITED.

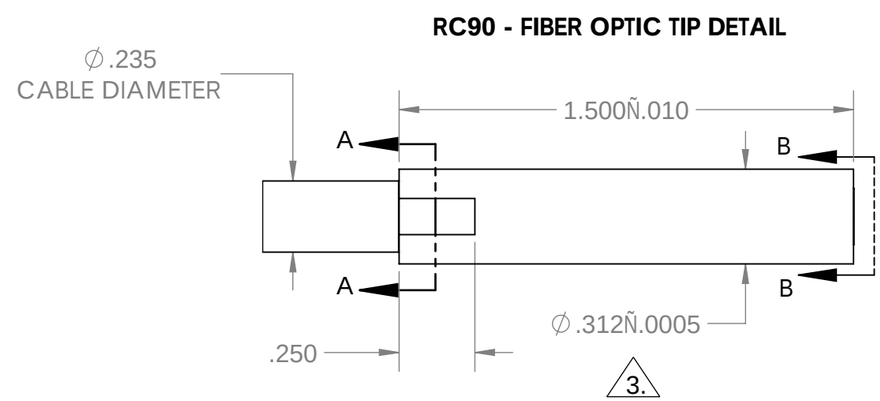
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
100	INITIAL RELEASE OF SOLID WORKS MODEL & DRAWING.	12/15/2017	CDR

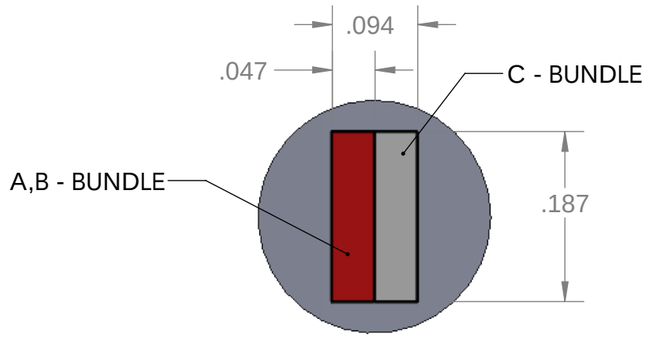


RC90 - FIBER OPTIC TIP DETAIL



SECTION A-A





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: **RC90**

REV 100

DWG. FILE: RC90

SHEET 1 OF 1