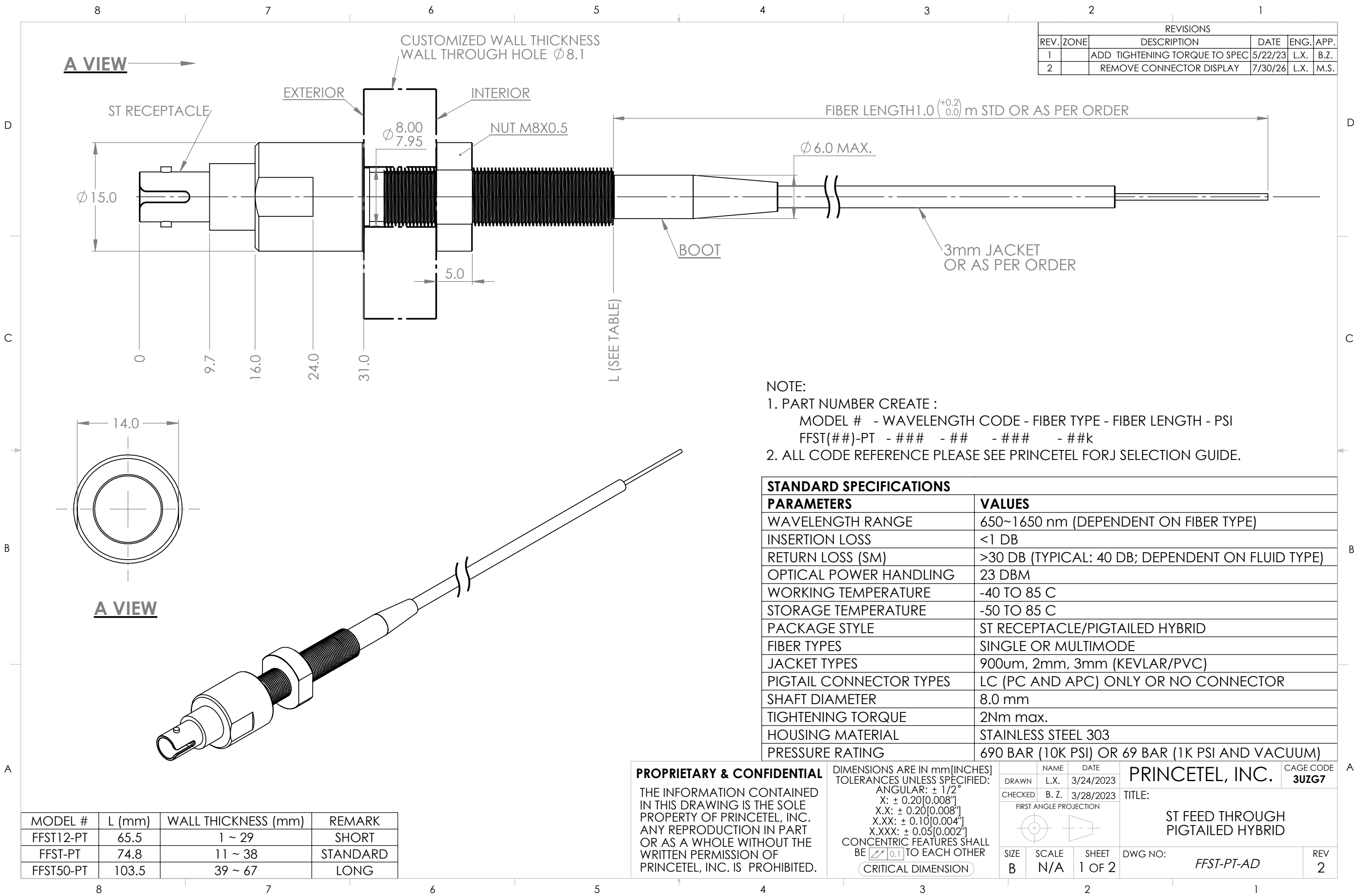




REVISIONS					
REV.	ZONE	DESCRIPTION	DATE	ENG.	APP.
1		ADD TIGHTENING TORQUE TO SPEC	5/22/23	L.X.	B.Z.
2		REMOVE CONNECTOR DISPLAY	7/30/26	L.X.	M.S.

- NOTE:
1. PART NUMBER CREATE :
MODEL # - WAVELENGTH CODE - FIBER TYPE - FIBER LENGTH - PSI
FFST(##)-PT - ### - ## - ### - ##k
2. ALL CODE REFERENCE PLEASE SEE PRINCETEL FOR J SELECTION GUIDE.

STANDARD SPECIFICATIONS	
PARAMETERS	VALUES
WAVELENGTH RANGE	650~1650 nm (DEPENDENT ON FIBER TYPE)
INSERTION LOSS	<1 DB
RETURN LOSS (SM)	>30 DB (TYPICAL: 40 DB; DEPENDENT ON FLUID TYPE)
OPTICAL POWER HANDLING	23 DBM
WORKING TEMPERATURE	-40 TO 85 C
STORAGE TEMPERATURE	-50 TO 85 C
PACKAGE STYLE	ST RECEPTACLE/PIGTAILED HYBRID
FIBER TYPES	SINGLE OR MULTIMODE
JACKET TYPES	900um, 2mm, 3mm (KEVLAR/PVC)
PIGTAIL CONNECTOR TYPES	LC (PC AND APC) ONLY OR NO CONNECTOR
SHAFT DIAMETER	8.0 mm
TIGHTENING TORQUE	2Nm max.
HOUSING MATERIAL	STAINLESS STEEL 303
PRESSURE RATING	690 BAR (10K PSI) OR 69 BAR (1K PSI AND VACUUM)

MODEL #	L (mm)	WALL THICKNESS (mm)	REMARK
FFST12-PT	65.5	1 ~ 29	SHORT
FFST-PT	74.8	11 ~ 38	STANDARD
FFST50-PT	103.5	39 ~ 67	LONG

PROPRIETARY & CONFIDENTIAL

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DIMENSIONS ARE IN mm[INCHES]
TOLERANCES UNLESS SPECIFIED:
ANGULAR: $\pm 1/2^\circ$
X: $\pm 0.20[0.008"]$
X.X: $\pm 0.20[0.008"]$
X.XX: $\pm 0.10[0.004"]$
X.XXX: $\pm 0.05[0.002"]$
CONCENTRIC FEATURES SHALL BE ± 0.1 TO EACH OTHER
CRITICAL DIMENSION

NAME		DATE	PRINCETEL, INC.		CAGE CODE
DRAWN	L.X.	3/24/2023	TITLE: ST FEED THROUGH PIGTAILED HYBRID		3UZG7
CHECKED	B. Z.	3/28/2023			
FIRST ANGLE PROJECTION			DWG NO: FFST-PT-AD		REV 2
SIZE B	SCALE N/A	SHEET 1 OF 2			