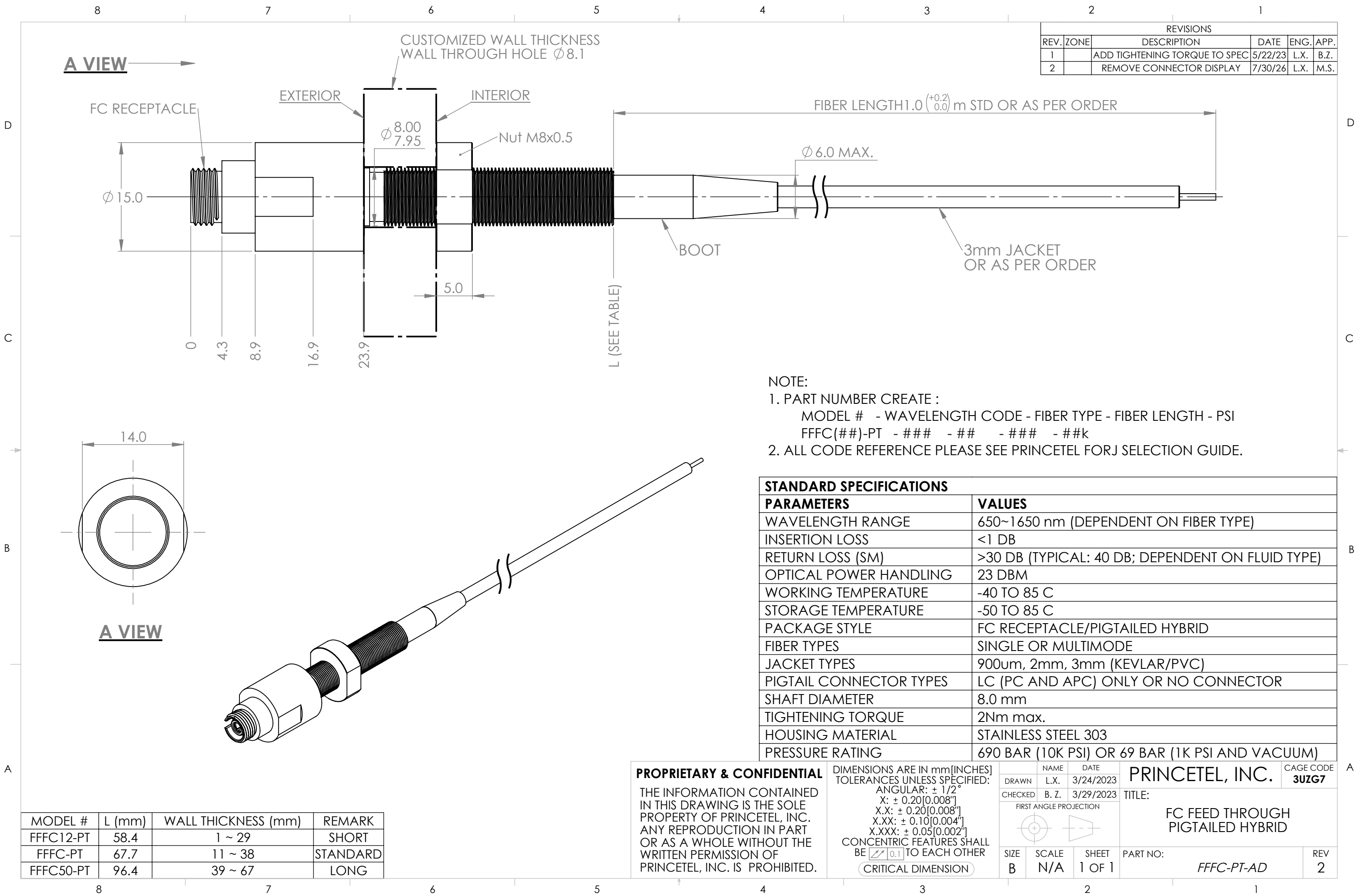




REVISIONS					
REV.	ZONE	DESCRIPTION	DATE	ENG.	APP.
1		ADD TIGHTENING TORQUE TO SPEC	5/22/23	L.X.	B.Z.
2		REMOVE CONNECTOR DISPLAY	7/30/26	L.X.	M.S.

NOTE:

1. PART NUMBER CREATE :

MODEL # - WAVELENGTH CODE - FIBER TYPE - FIBER LENGTH - PSI

FFFC(##)-PT - ### - ## - ### - ##k

2. ALL CODE REFERENCE PLEASE SEE PRINCETEL FORJ 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	FC 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)

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
DRAWN L.X.	3/24/2023
CHECKED B. Z.	3/29/2023
FIRST ANGLE PROJECTION	
SIZE B	SCALE N/A
SHEET 1 OF 1	

PRINCETEL, INC.

CAGE CODE 3UZG7

TITLE:

FC FEED THROUGH PIGTAILED HYBRID

PART NO:

FFFC-PT-AD

REV

2

MODEL #	L (mm)	WALL THICKNESS (mm)	REMARK
FFFC12-PT	58.4	1 ~ 29	SHORT
FFFC-PT	67.7	11 ~ 38	STANDARD
FFFC50-PT	96.4	39 ~ 67	LONG