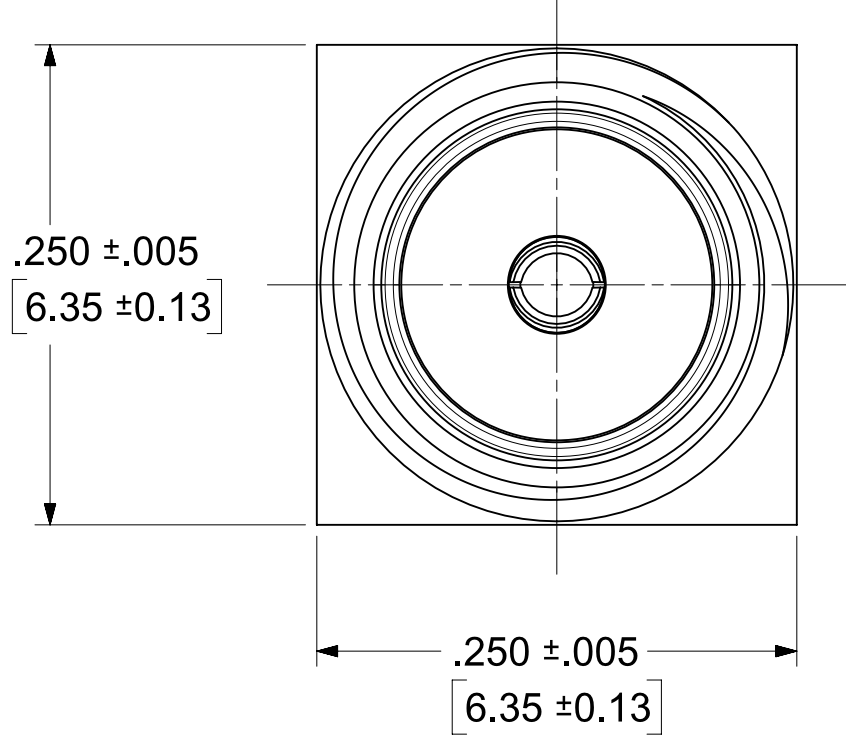


MATERIALS AND FINISHES:

BODY: BRASS
73251-4430, -4431, -4432
FINISH GOLD (10 μ-IN MIN) OVER NICKEL (100 μ-IN MIN)
OVER COPPER (50 μ-IN MIN)
73251-4433
FINISH GOLD (1 μ-IN MIN) OVER NICKEL (100 μ-IN MIN)
OVER COPPER (50 μ-IN MIN)

CONTACT: BERYLLIUM COPPER
73251-4430, -4431, -4432
FINISH GOLD (10 μ-IN MIN) OVER NICKEL (50 μ-IN MIN)
OVER COPPER (50 μ-IN MIN)
73251-4433
FINISH GOLD (5 μ-IN MIN) OVER NICKEL (100 μ-IN MIN)
OVER COPPER (50 μ-IN MIN)

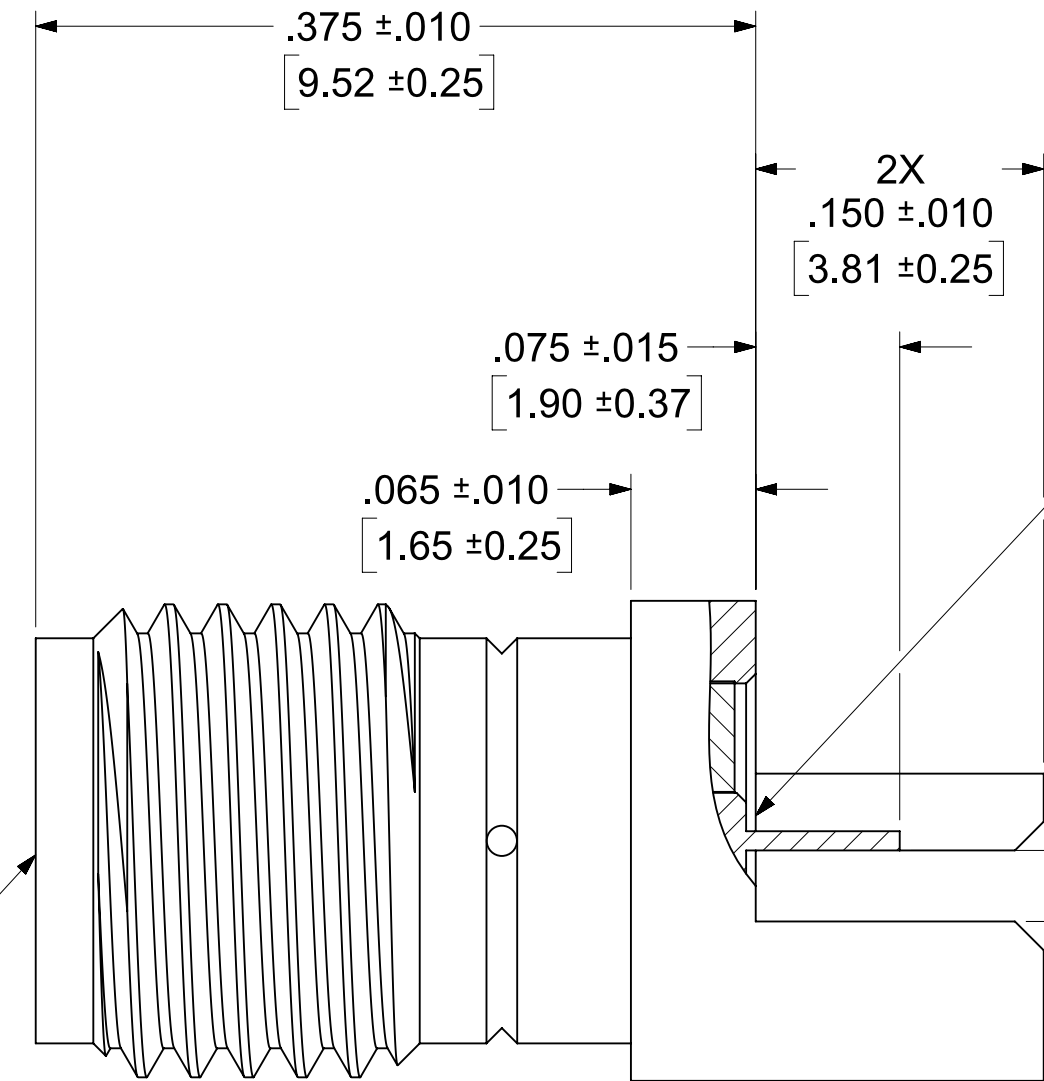
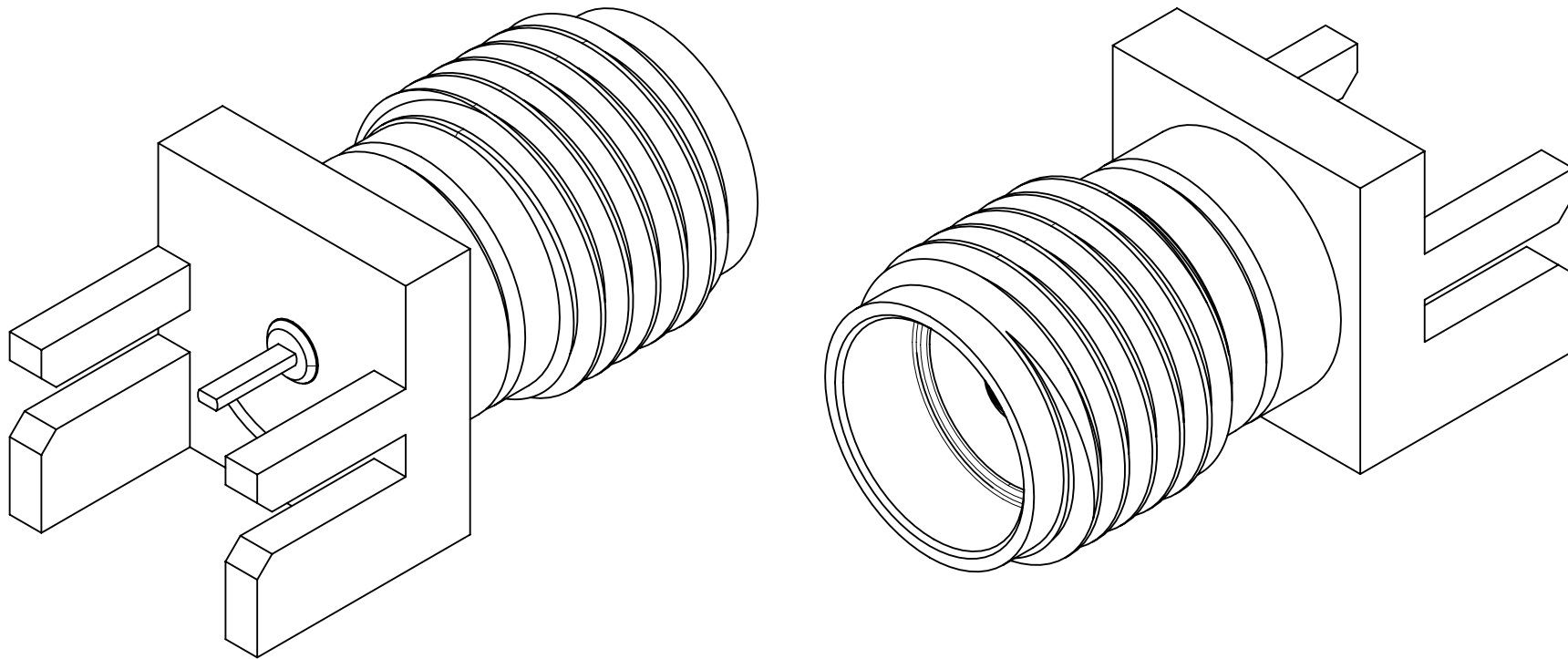
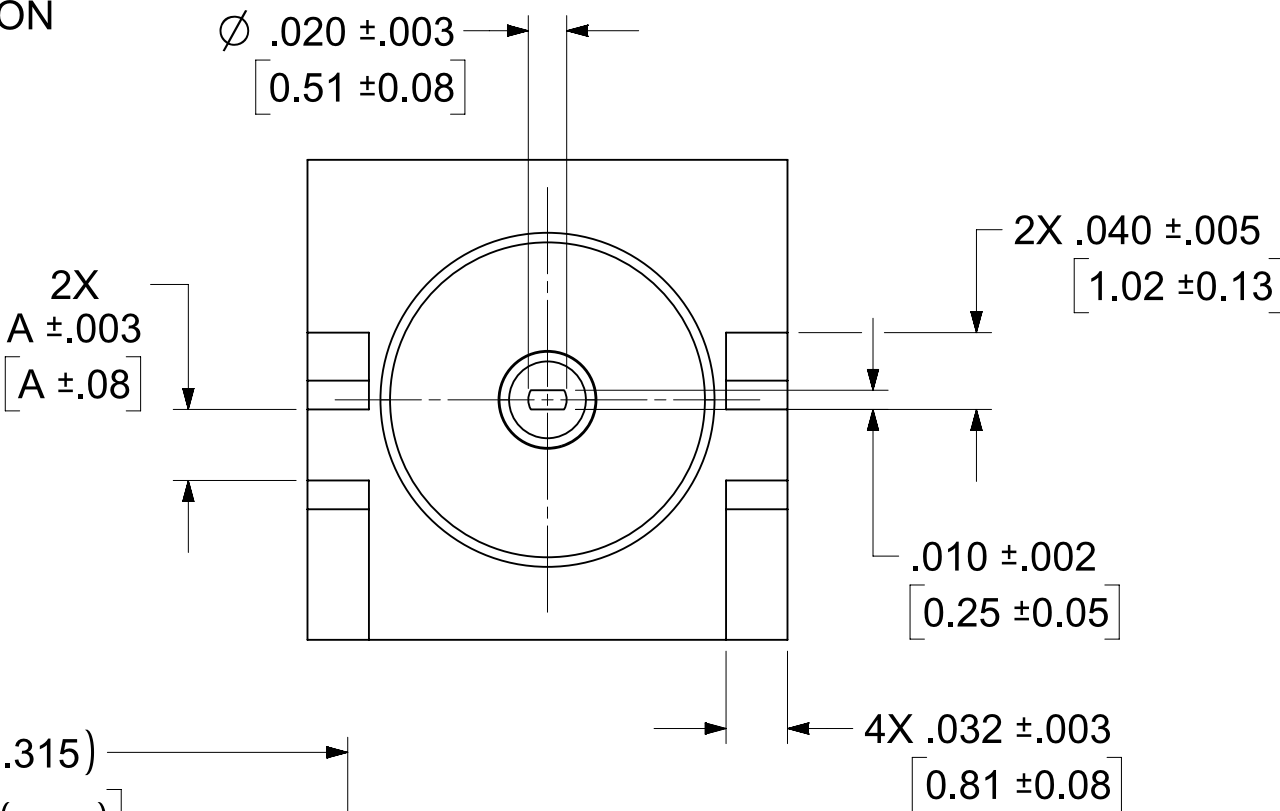
INSULATOR: PTFE



SMA JACK
INTERFACE

CHARACTERISTICS:

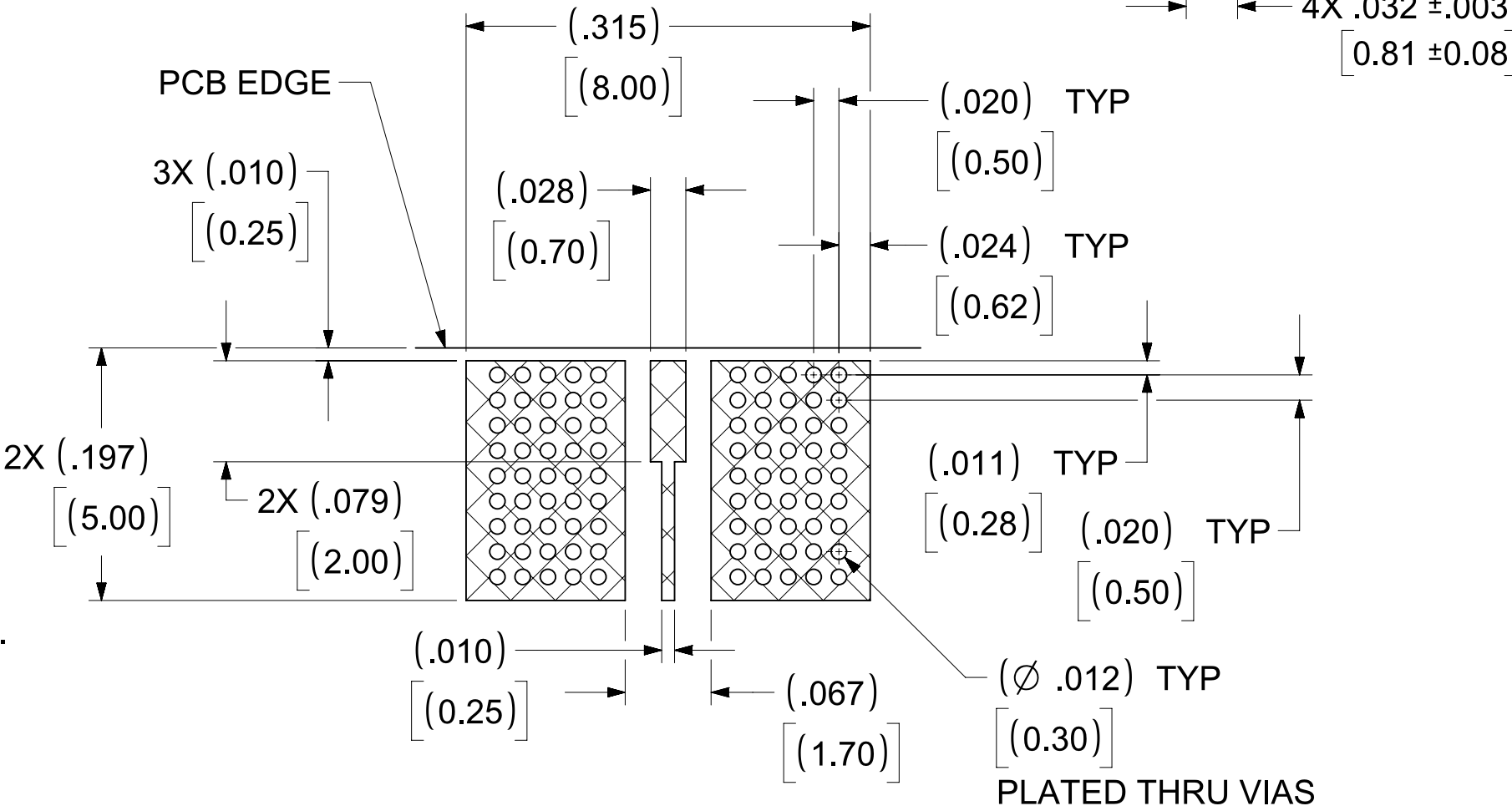
IMPEDANCE: 50 OHMS
VSWR: 1.25 TYP @ 0-5 GHz



CONNECTOR WIDTH: .250 [6.35] NOMINAL
BOARD THICKNESS: SEE TABLE (DIM A)
BOARD MATERIAL: FR4 W/1.0 OZ.
COPPER BOTH SIDES

NOTES:

1. A CLEARANCE MAY BE REQUIRED ON LAYER 2 (GROUND) UNDERNEATH THE SIGNAL PAD TO MAXIMIZE PERFORMANCE.
2. USE MASK DEFINED GROUND PADS ON TOP AND BOTTOM LAYERS. (NOT SHOWN)



RECOMMENDED PAD LAYOUT

0732514433	.048	1.22	.072	1.83	BY TRAY PER 89542-0040
0732514432	.068	1.73	.052	1.32	
0732514431	.048	1.22	.072	1.83	
0732514430	.037	0.94	.083	2.11	
PART NO.	IN	MM	IN	MM	PACKAGING
DIM (X)	DIM A		DIM B		

MIL-STD-348A, FIG.310.2	SMA JACK INTERFACE
PS-89675-346	PRODUCT SPECIFICATION
SPECIFICATION	DESCRIPTION

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
	DIMENSION UNITS		SCALE		CURRENT REV DESC: ADD RECOMMENDED PCB PAD LAYOUT. ADD IMPEDANCE & VSWR CHARACTERISTICS.				molex				
	INCH/mm		NTS										
	GENERAL TOLERANCES (UNLESS SPECIFIED)								PRODUCT CUSTOMER DRAWING				
	ANGULAR TOL ± 2°												
	4 PLACES		±										
	3 PLACES		±										
	2 PLACES		±										
	1 PLACE		±										
	0 PLACES		±										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING					SERIES		MATERIAL NUMBER		CUSTOMER
				C-SIZE		73251		SEE TABLE		GENERAL MARKET		1 OF 1	

$\frac{F}{A} = 0$	
$\frac{F}{C} = 0$	
$\frac{F}{D} = 0$	
DIVISIONAL SYMBOLS	

STATUS: Production			
DRWN: Les Meier		2025-06-09	
CHK'D: Jason Deren		2025-06-20	
APPR: KTAGAN		2025-06-20	

DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
SD-73251-443				PSD		001		A3	