

Dielectric Diplexer

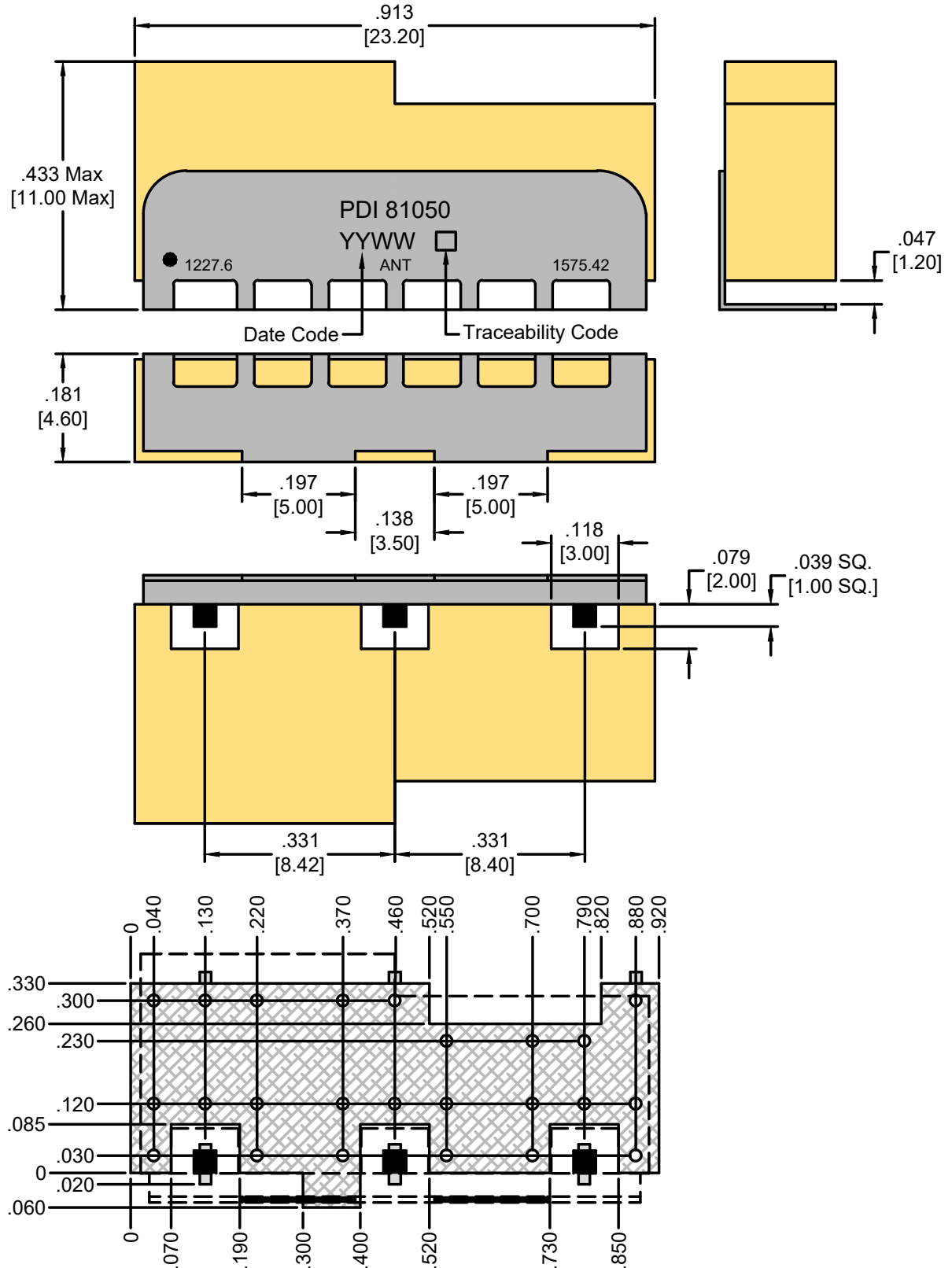
0.913L x 0.433W x 0.181H (in)

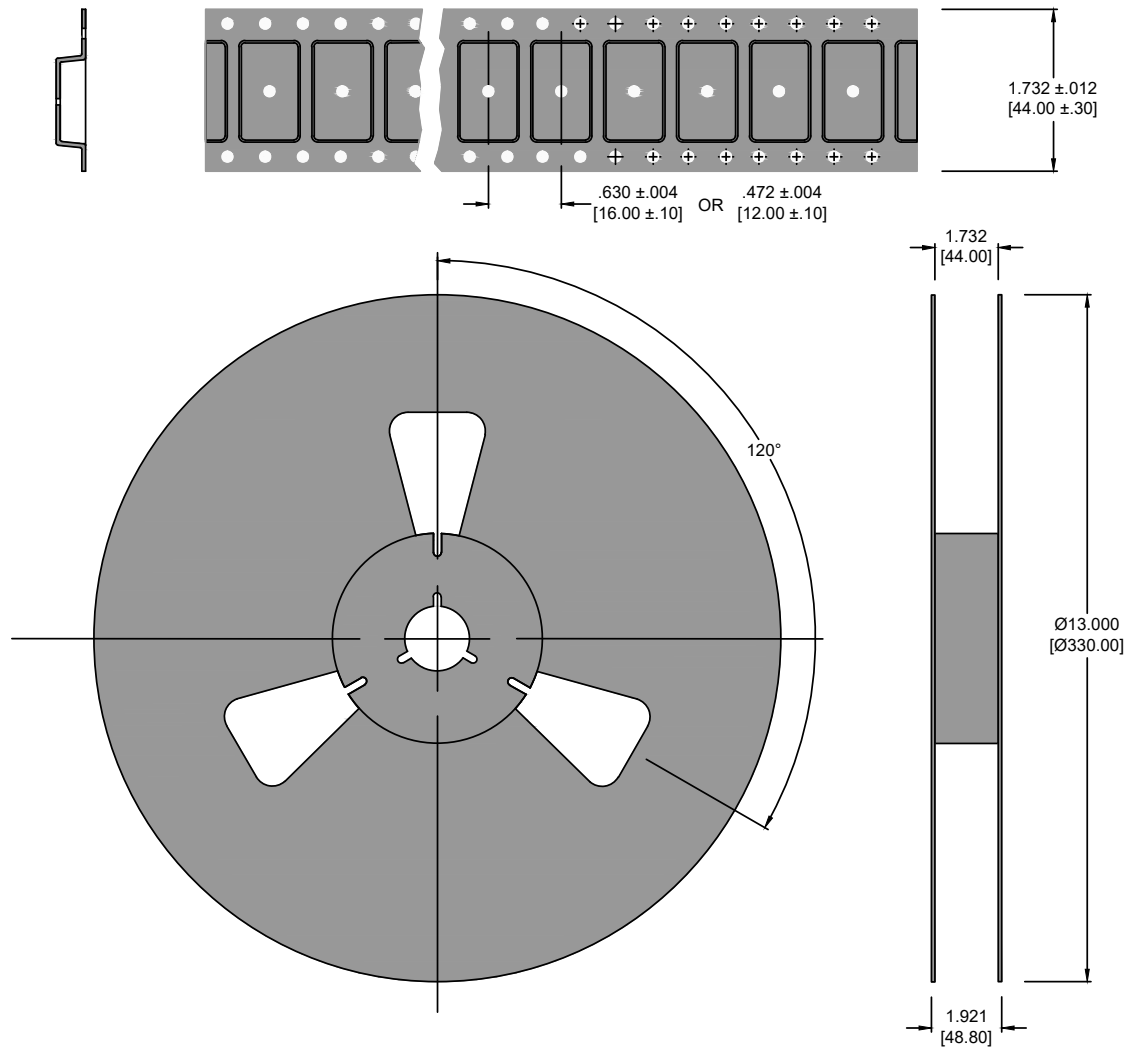
Parameter	Conditions	Min	Typ	Max	Unit
Center Frequency Fo	L1		1227.6		MHz
	L2		1575.42		
Bandwidth	L1	1218.1		1240.1	MHz
	L2	1565.92		1587.92	
Insertion Loss in BW				3.0	dB
Attenuation	@ Fo $\pm$ 75MHz	28.0			dB
Isolation	L1 (@ 1218.1MHz to 1240.1MHz)	30.0			dB
	L2 (@ 1565.92MHz to 1587.92MHz)	30.0			
Group Delay	@ Fo $\pm$ 5MHz	10.0		14.0	nS
Return Loss	@ Fo $\pm$ 4MHz	12.0			dB
Input Power				1.0	W
Impedance	Input/Output		50		Ω
Operating Temperature		-40		+85	$^{\circ}$ C
Storage Temperature		-40		+85	$^{\circ}$ C

Date	Description	FOR PRELIMINARY USE ONLY		
		Specifications subject to change.		
		Dielectric Diplexer		
		PART #: FTR-81050	81050-ftp	
		DATE: 9-15-2025	DRAWN BY: B. Arnold	
9-15-25	Updated dimensions	CAGE CODE: 054G1	SCALE: NTS	PAGE: 1 of 3

PACKAGE DIMENSIONS

Tolerance: .012 [.30] (Unless otherwise specified)



Tape and Reel**Reflow Profile**