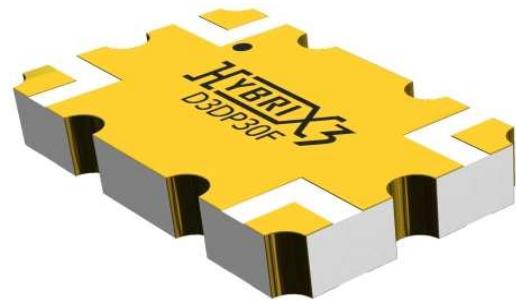


FEATURES

Low Profile Surface Mount Package
High Power
Low Insertion Loss
High Directivity
100% Tested

APPLICATIONS

Power Amplifiers
Power Monitors
Reflectometers
Signal Distribution Network
Antenna Feeds
Switch Networks



GENERAL DESCRIPTION

Florida RF Labs offers high performance directional couplers in a low profile, surface mount package. These couplers are designed for demanding applications where high power, low loss and excellent directivity are required.

SPECIFICATIONS

1.0 ELECTRICAL

Frequency	Coupling	Directivity	Insertion Loss	VSWR	Power Handling
2300 to 2700 MHz	30.0 ± 1.5	18 dB Max	0.2 dB Min	1.2 Max	200 Watts CW

2.0 MECHANICAL

Operating Temperature: -55 °C to +125 °C
Substrate: LTCC
Conductor: Silver
Plating: Gold
Application Note: AN0030 (General Hybrid And Directional Coupler)

PIN CONFIGURATION



Port	P1	P2	P3	P4
P1	-	Out	Iso	Coup
P2	Out	-	Coup	Iso
P3	Iso	Coup	-	Out
P4	Coup	Iso	Out	-

3.0 UNIT MARKING

Logo, Part Number and Pin 1 Identification

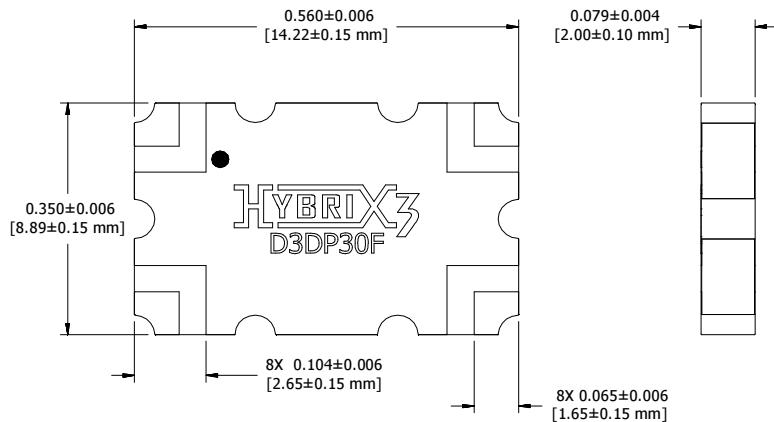
4.0 PACKAGING

Standard: Tape And Reel

5.0 PART NUMBERING

Part Identifier: D3DP30F

MECHANICAL OUTLINE



Note: Specifications are subject to change without notice.

Unless Otherwise Specified: TOLERANCE: .XXX = ± .010