

**ORDERING INFORMATION****PART IDENTIFIER: P3S35L****SPECIFICATIONS****1. ELECTRICAL:**

Frequency	Isolation	Insertion Loss	Amplitude Balance	Phase Balance	Power Handling
1.7 – 2.0 GHz	19 dB Min	0.45 dB Max	0.3 dB Max (P1 Input)	7° Max (P1 Input)	35 Watts

VSWR: 1.4:1 Max (All Ports)

Nominal Impedance: 50 Ω

Ports P2, P3, and P4 Loading Limits  
Port 1 Input Power (Watts Continuous Max)

All Ports but one must be under normal load; one and only one of P2 or P3 or P4 may be loaded as follows:

35 Watts, Load SWR up to 1.4:1 Max  
24 Watts, Load SWR up to 1.5:1 Max  
19 Watts, Load SWR up to 1.6:1 Max  
14 Watts, Load SWR up to 1.7:1 Max  
12 Watts, Load SWR up to 1.8:1 Max  
10 Watts, Load SWR up to 1.9:1 Max  
9 Watts, Load SWR up to 2.0:1 Max

**2. ENVIRONMENTAL:**

Operating Temperature: -55°C to +150°C

**3. MARKING:**

HybriX and part number

*Note: Specifications are subject to change.***4. QUALITY ASSURANCE:****Sample Inspect Per MIL-STD-105, Level II, 1.0% AQL.**

Visual and Mechanical Examination for Conformance To Outline Drawing Requirements.

Measure Amplitude Balance and VSWR

**Test Data Requirements**

No Test Data Required

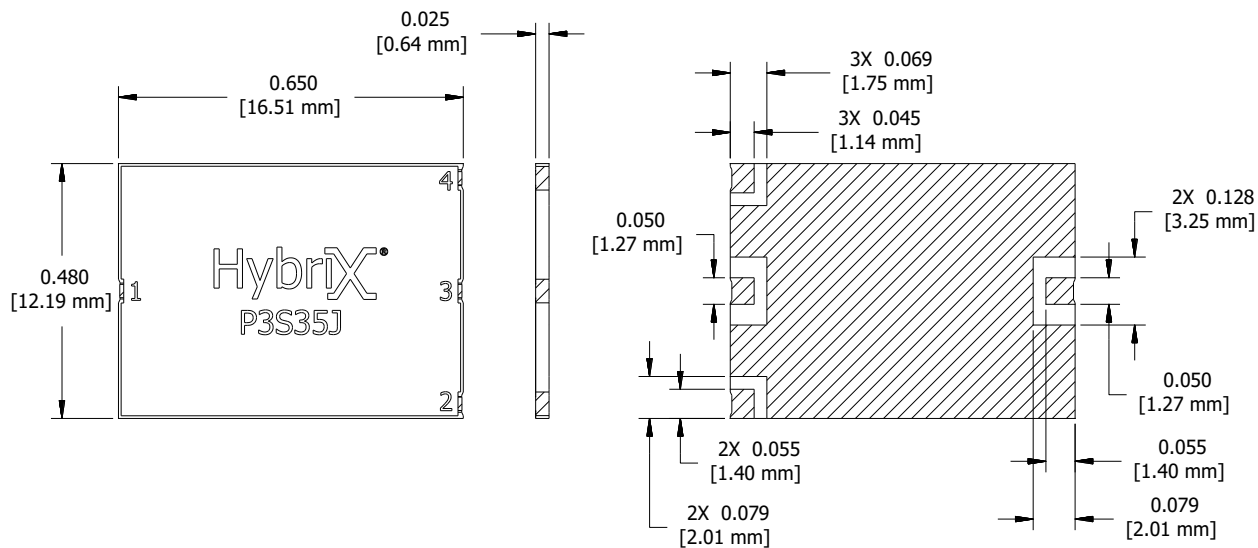
Data Retention – 12 months

**5. PACKAGING:**

Standard Packaging: Tube

6. MECHANICAL:

Substrate Material: Alumina  
 Resistive Film: Thick Film  
 Terminal Material: Thick Film, Nickel barrier solder plated  
 Metric Dimensions: Provided for reference only



Unless Otherwise Specified: TOLERANCE: X.XX = ± 0.01 X.XXX = ± 0.005

Note: Specifications are subject to change.