Planar Monolithics Industries, Inc.  
4.0 to 8.0 GHz, Absorptive  
SP20T  
Pin Diode Switch

Model No. P20T-4G8G-80-T-515-SFF  
Frequency Range  
4.0 to 8.0 GHz  
(Other Frequencies Available)  
Insertion Loss  
4.0 dB max.  
Isolation  
80 dB min.  
VSWR (In/Out)  
1.8:1 typ.  
Operating Input Power  
100 mW max. CW (Hot Switchable)  
(Other Power Levels Available)  
RF Switching Speed  
100 ns typ.  
(Higher Speeds Available)  
DC Voltage  
+5 VDC (±5%), 300 mA max.  
+15 VDC (±2%), 200 mA max.  
Control Logic  
5 Bit Decoded TTL  
Connectors (In/Out)  
SMA Female  
DC & Control Connectors  
Solder Pins  
Size  
4.00” x 4.00” 0.63”

Offering Other Products from  
DC to 50 GHz  
Analog/ Digital Control

West Coast Operation:  
4921 Robert J. Matthews Pkwy, Suite 1  
El Dorado Hills, CA 95762 USA  
Tel: 916-542-1401  Fax: 916-265-2597  
ISO9001:2008 REGISTERED

East Coast Operation:  
7311 F Grove Road  
Frederick, MD 21704 USA  
Tel: 301-662-5019  Fax: 301-662-1731  
ISO9001:2008 REGISTERED  
www.pmi-rf.com  
sales@pmi-rf.com  
Hermetic Sealing, High Reliability to Mil-Std-883, Small Quantity  
Requirements accepted & we welcome Custom Designs too.