

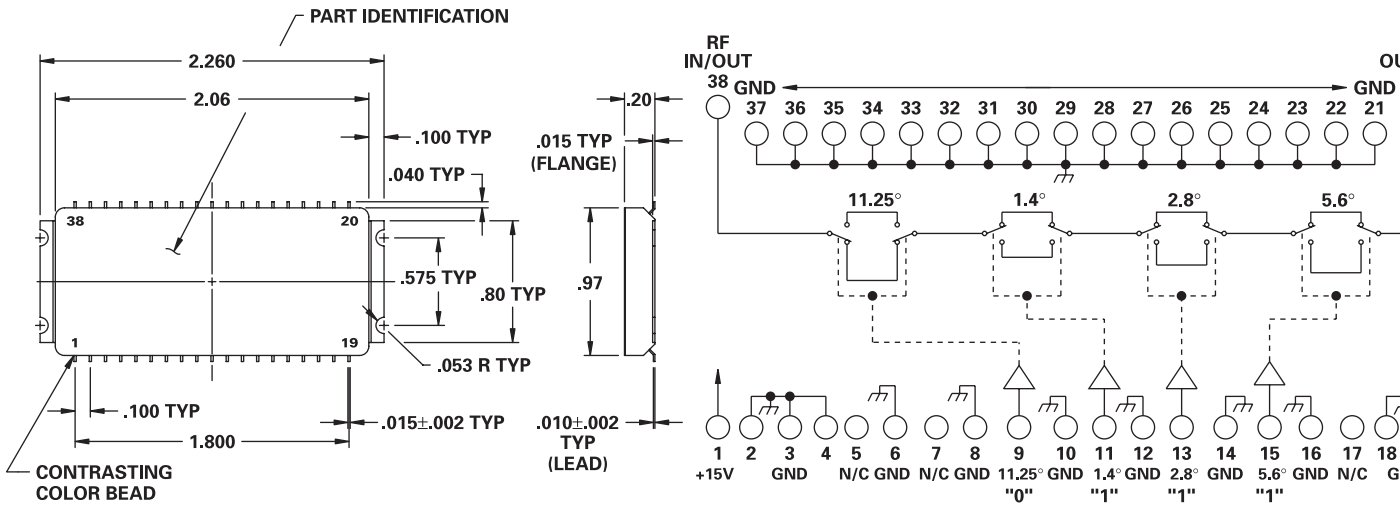
MODEL NUMBER DPS45081

Phase Shifter 4 Section

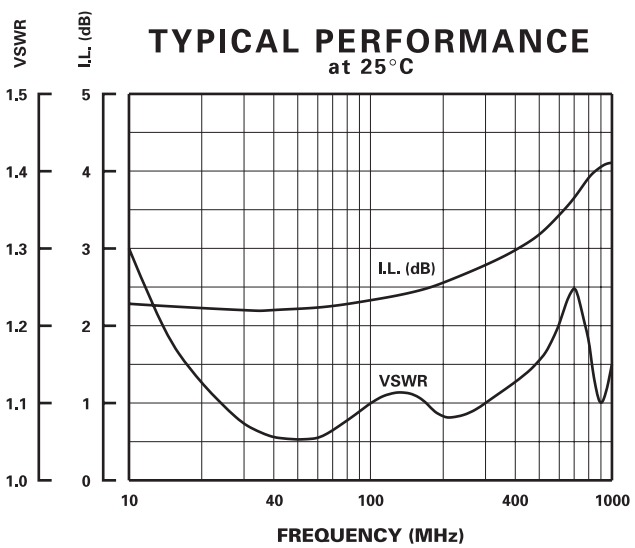
FEATURES

- 70 MHz
- 1.4° LSB
- Surface Mount
- 2.4 dB Insertion Loss

4 BIT



TYPICAL PERFORMANCE at 25°C



GUARANTEED PERFORMANCE

Parameter		Min	Typ	Max	Units	Conditions
Operating Frequency			70		MHz	
DC Current			14	50	mA	At +15 VDC Supply
Control Type			TTL			4 Line Logic "0" = Thru Logic "1" = Phase
Control Current	*High*		0.03	±10	µA	VIH = +2.7 V
	Low		0.03	±10	µA	VIL = +0.5 V
Insertion Loss			2.4	3.5	dB	
Phase	*LSB*		1.4		DEG	
	Range	0		21.0	DEG	1.4, 2.8, 5.6, 11.25 DEG
	Accuracy			±1	DEG	
VSWR			1.1/1	1.5/1		
Impedance			50		OHMS	
Switching Speed			8.0	20	µSec	50% TTL to 90% / 10% RI
Transition (Rise/Fall) Time			1.0		µSec	10% / 90% or 90% / 10%
Switching (Video) Transients			26		mV	Peak Value
Intercept Points	*2nd*		+53		dBm	
	3rd		+25		dBm	
RF Power	*Operate*		+22	+10	dBm	0.1 dB Compression
	No Damage			+30	dBm	
Operating Temperature		+14	+25	+36	°C	TA