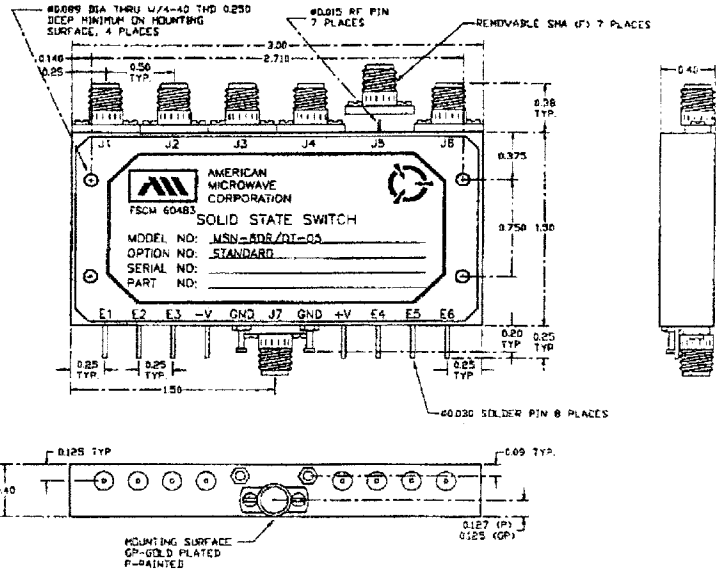


SP6T REFLECTIVE/ABSORPTIVE PIN-DIODE SWITCH

KEY FEATURES

- 0.5 GHz TO 18 GHz (10MHz to 18GHz optional)
- HIGH SPEED
- HIGH ISOLATION
- MINIATURE
- TTL LOGIC COMPATIBLE
- SURFACE MOUNTABLE



AMC MODEL No: MSN-0518-6DR-05

SPECIFICATIONS: (REFLECTIVE)

• FREQUENCY RANGE	:	0.5 GHz to 18.0 GHz (10MHz to 18GHz Optional)
• INSERTION LOSS	:	3.5 dB MAX.
	:	0.82 dB TYP. @ 2.0 GHz
	:	1.40 dB TYP. @ 8.0 GHz
	:	2.60 dB TYP. @ 18.0 GHz
• ISOLATION	:	≥ 70 dB MIN.
	:	≥ 85 dB TYP. @ 2.0 GHz
	:	≥ 80 dB TYP. @ 8.0 GHz
	:	≥ 75 dB TYP. @ 18.0 GHz
• VSWR	:	2.0:1
• SWITCHING SPEED	:	"RISE" 15nS MAX., 10nS TYP.
	:	"FALL" 15nS MAX., 10nS TYP.
	:	"ON" 100nS MAX., 75nS TYP.
	:	"OFF" 100nS MAX., 75nS TYP.
• CONTROL	:	TTL Compatible (Independent or with Decoder)
• VIDEO TRANSIENTS	:	≤ 3.0 V Peak to Peak, 300 MHZ Bandwidth
(Low video transients available)	:	≤ 1.4 V Peak to Peak, 20 MHZ Bandwidth
• RF INPUT POWER	:	+20dBm Operating, 1 Watt Survival (Other power Levels available)
• DC POWER SUPPLY	:	+5vdc @ +300mA MAX.
(Other supply voltages available)	:	-5vdc @ -100mA MAX.
• SIZE	:	3.0" X 1.5" X 0.4"
• WEIGHT	:	≤ 3.5 oz.

DECEMBER 11, 1997

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