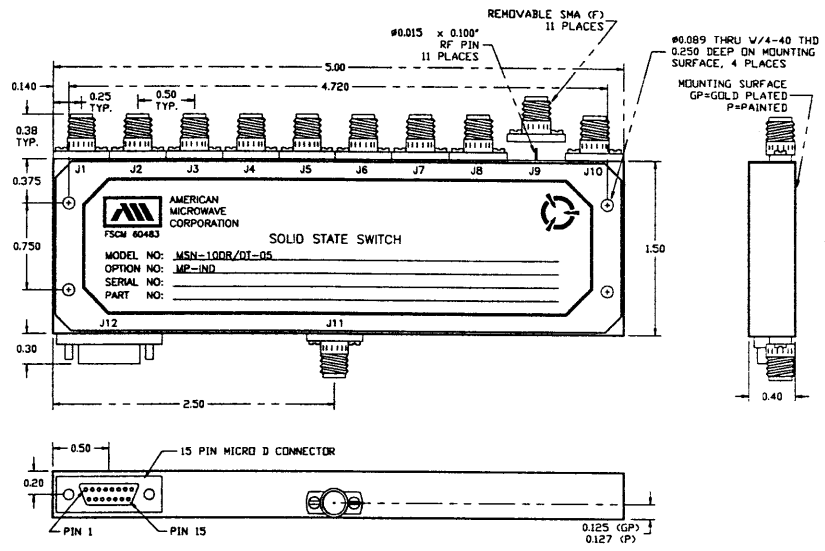


SP10T REFLECTIVE/ABSORPTIVE PIN-DIODE SWITCH

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-0518-10DT-05-MP-IND

SPECIFICATIONS: (ABSORPTIVE)

● FREQUENCY RANGE	:	0.5 GHz to 18.0 GHz (10MHz to 18GHz Optional)
● INSERTION LOSS	:	5.0 dB MAX.
	:	1.60 dB TYP. @ 0.5 Ghz
	:	2.50 dB TYP. @ 2.0 Ghz
	:	2.80 dB TYP. @ 8.0 GHz
	:	5.00 dB TYP. @ 18.0 GHz
● ISOLATION	:	≥ 65 dB MIN.
	:	≥ 90 dB TYP. @ 0.5 Ghz
	:	≥ 90 dB TYP. @ 2.0 Ghz
	:	≥ 80 dB TYP. @ 8.0 GHz
	:	≥ 65 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	:	≤1.5 V Peak to Peak, 300 MHZ Bandwidth
(Low video transients available)	:	≤0.36 V Peak to Peak, 20 MHZ Bandwidth
● RF INPUT POWER	:	+20dBm Operating, 1 Watt Survival (Other power Levels available)
● DC POWER SUPPLY	:	+5vdc @ +500mA MAX.
(Other supply voltages available)	:	- 5vdc @ -100mA MAX.
● SIZE	:	5.0" X 1.5" X 0.4"
● WEIGHT	:	≤ 6.0 oz.

APRIL 9, 1998

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