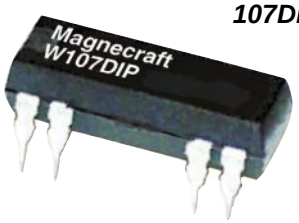
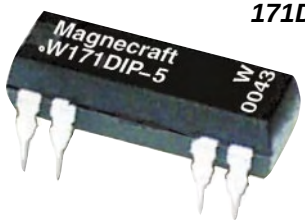
Magnecraft & Struthers-Dunn

Your Contact for Relays

SECTION 6

REED RELAYS FOR PRINTED CIRCUIT BOARD APPLICATIONS
4 VA TO 100 VA
COAXIAL RELAYS
FOR R. F. SWITCHING

RELAY SERIES	117SIP	107DIP	171DIP
			
	L W H 0.290 x 0.280 x 0.750	**L W H** 0.275 X 0.300 X 0.750	**L W H** 0.275 X 0.300 X 0.750
FEATURES	• SPST - NO OR NC - EPOXY MOLDED CONSTRUCTION. • STANDARD 0.1 GRID SPACING. • AVAILABLE WITH OR WITHOUT SUPPRESSION DIODE ACROSS COIL.	• SPST - NO OR NC - EPOXY MOLDED CONSTRUCTION. • STANDARD 0.1 GRID SPACING. • 4 HOOK- UP PINS TO COIL & 4 HOOK-UP PINS TO CONTACTS • AVAILABLE WITH OPTIONAL ELECTROSTATIC SHIELD	• SPST - NO OR NC - EPOXY MOLDED CONSTRUCTION. • STANDARD 0.1 GRID SPACING. • AVAILABLE WITH OR WITHOUT SUPPRESSION DIODE ACROSS COIL. • AVAILABLE WITH OPTIONAL ELECTROSTATIC SHIELD
CONTACT DATA CONTACT CONFIGURATION:	**SPST-N. O., SPST-N. C.**	**SPST-N. O., SPST-N. C.**	**SPST-N. O., SPST-N. C.**
CONTACT MATERIAL:	RHODIUM	RHODIUM	RHODIUM
CONTACT RESISTANCE:	100 MILLIOHMS (INITIAL)	100 MILLIOHMS (INITIAL)	100 MILLIOHMS (INITIAL)
MAX. SWITCHING LOAD:	0.5 AMP, 200 VDC @ 10 VA	0.5 AMP, 100 VDC @ 10 VA	0.5 AMP, 100 VDC @ 10 VA
CONTINUOUS CARRY CURRENT:	1.2 AMP	1.5 AMP	1.5 AMP
COIL DATA STANDARD VOLTAGE DC:	5, 12, 24,	5, 12, 24,	5, 12, 24,
NOMINAL COIL POWER WATTS:	50 - 290 mW MAX.	35 - 290 mW MAX.	35 - 290 mW MAX.
GENERAL DATA AMBIENT TEMPERATURE OPERATING:	- 45˚C TO + 85˚C	- 40˚C TO + 85˚C	- 40˚C TO + 85˚C
STORAGE:	- 40˚C TO + 105˚C	- 40˚C TO + 105˚C	- 40˚C TO + 105˚C
DIELECTRIC STRENGTH: (COIL TO FRAME)	500 V rms	1000 V rms	1000 V rms
LIFE EXPECTANCY ELECTRICAL: MECHANICAL:	50,000,000 OPERATIONS 100,000,000 OPERATIONS	50,000,000 OPERATIONS 100,000,000 OPERATIONS	50,000,000 OPERATIONS 100,000,000 OPERATIONS
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