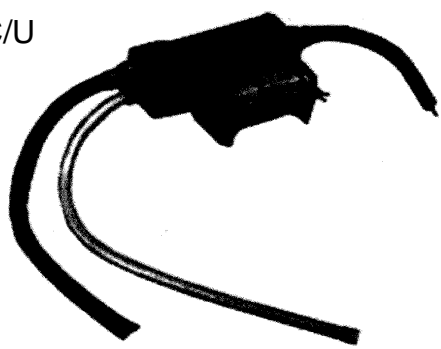


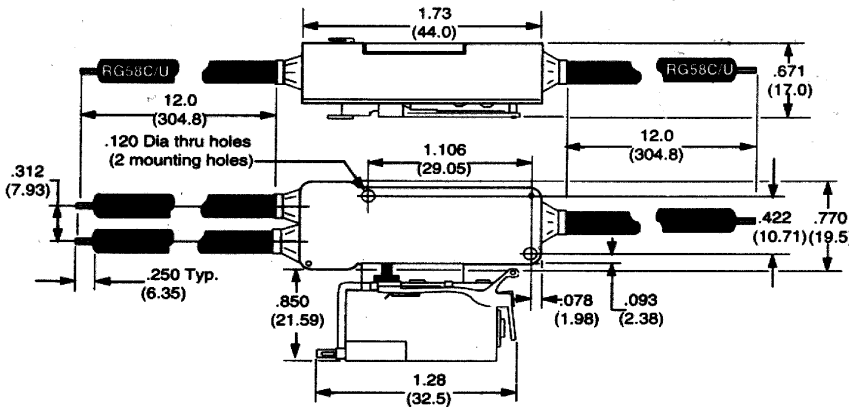
150 WATT, COAXIAL R.F. SWITCHING RELAY

CLASS
120 **7**

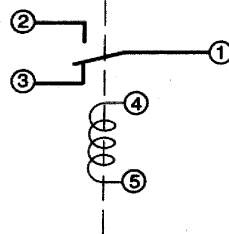
120 COAXIAL RELAY
PANEL MOUNT WITH RG58C/U
CABLE (50 OHM)
SWITCHING UP TO 470 MHz



R
E
L
A
Y
S



WIRING DIAGRAM
Side View Coil Down



GENERAL SPECIFICATIONS

CONTACTS

R.F. Load rating: 150 Watts max. up to 470 MHz
 Contact Configuration: SPDT (1 Form "C")
 Contact Resistance (Initial): 50 Milliohms max.
 VSWR (Voltage Standing Wave Ratio): 1.25 to 1 max., up to 460 MHz
 Cross Talk: 40 DB min., up to 470 MHz.

TIMING

Operate Time: 15 mS Max. @ Nominal Voltage.
 Release Time: 7 mS Max. @ Nominal Voltage.

DIELECTRIC STRENGTH

All Mutually Insulated current carrying parts to ground:
 Insulation Resistance: 1000 V rms @ Sea level
 1000 Megohms min. 500 V

TEMPERATURE

Rated Operation: -55°C to +65°C

LIFE EXPECTANCY

Mechanical: 100,000 Operations @ Rated Load.
 Electrical: 5 Million Operations no load

MISCELLANEOUS

Mounting: Panel mount with 2 mount holes.
 Connectors: None
 Cable Type: RG58C/U, 12" long, with stripped wire length of .250"
 Cable Impedance: 50 Ohms
 Weight: 3 ozs. 85.0 grams approx.

<i>Magnecraft</i> PART NUMBER	CONTACT CONFIGURATION	COIL Measured @ 25°C	
		NOMINAL INPUT VOLTAGE	NOMINAL RESISTANCE (OHMS)
DC OPERATED			
W120X-14	SPDT	12 VDC	100