## SEMTRONICS P/L RELAYS 1 Form C (SPDT) Arrangement \* Material & Rating Special Alloy: H100 SERIES RELAYS 10A at 24VDC or 120VAC 250VAC & 125VDC \* Max operating Voltage \* Min permissible load 5VDC, 100mA MILLION SPOT RELAYS Mechanical: 20 Million operations \* Service Life Electrical : 100,000 operations min at rated load \* Highly Reliable, Low Cost \* Power (at 20 Deg C) 0.45Watt \* Miniature Size & large switch capacity \* Contact Resistance 50 m Ohm Max up to 10 Amps \* Operate Time Approx 6ms (at nominal voltage) \* 22 x 17.5 x 15mm More than 100M Ohm at 500VDC \* Insulation resistance \* High Dielectric strength 750VAC (50/60Hz) between open cont. \* Dielectric strength \* Printed circuit terminals, fits grid 2000VAC (50/60Hz) between coil & cont with 2.54mm \* Operation frequency Electrical : 1,800 operations/hour -30 C to 70 C Mechanical: 18,000 operations/hour \* UL Recognized Electrical \* Temperature Range **10 Amp Special Alloy** 12.17 5,08 \$ H1005-06-2-C 6V 80R 3 H1005-12-2-C Same as NT72C Series ۲<sup>w</sup>ر 12V 320R H1005-24-2-C 24V 1150R **H500 SERIES RELAYS** 1 Form C (SPDT) Arrangement Special Alloy: \* Material & Rating MILLION SPOT RELAYS 12A at 24VDC or 120VAC \* Max operating Voltage 250VAC & 125VDC \* Min permissible load 5VDC.100mA \* Service Life Mechanical: 10 Million operations Highly Reliable, Low Cost Miniature Size & large switch capacity Electrical : 100,000 operations min at rated load up to 12 Amps H500S24-2-C \* Power (at 20 Deg C) 0.36Watt $22.5 \times 16.5 \times 17.0$ mm MPM 50 m Ohm Max \* Contact Resistance \* High Dielectric strength \* Operate Time Approx 10ms (at nominal voltage) \* Printed circuit terminals, fits grid \* Insulation resistance More than 100M Ohm at 500VDC with 2.54mm \* Dielectric strength 750VAC (50/60Hz) between open cont. \* UL Recognized 1500VAC (50/60Hz) between coil & cont Mechanical: 18,000 operations/hour \* Operation frequency 12 Amp Special Alloy : 1,800 operations/hour Electrical \* Temperature Range -30 C to 65 C - 12.2 -• ŧ 69 H500S-06-2-C 6V 80R T Same as NT73C Series H500S-12-2-C $\mathbf{S}$ 12V 320R H500S-24-2-C 4 0 12805 NHG POWER RELAYS Forward Relays **10 Amp Special Alloy** \* Highly Reliable, Low Cost \* Small Size & large switch capacity up to 12 Amps \* Ĥigh Dielectric strength \* UL, CSA Approved **Great Value** 12.2 5.08 + & Price \_ 12\_17 \_\_ 3 V6.0 397 ደመ 9 Ç 1 Form C (SPUT) 'Arrandement \* Material & Rating Special Alloy: ° 9.5 10A at 28VDC or 120VAC 250VAC & 125VDC 22.9 \* Max operating Voltage \* Min permissible load 5VDC, 100mA 12A 125VAC 10A 240VAC 12A 125VAC 10A 250VAC 500 m Chm (at normal condition) \* Contact Resistance \* Operating time Approx 5ms \* Release time Approx 10ma /oltar . More than 100M Ohm at 500VDC NT73C-S10/DC6 \* Insulation resistance NT72C-S10/DC6 6V 80R 6V 100R \* Dielectric strength 750VAC (50/60Hz) open contact NT72C-S10DC12 NT73C-510DC12 12V 320R 12V 400R 1500VAC (50/60Hz) coil & contact NT72C-S10DC24 NT73C-S10DC24 55 C to 85 C \* Temperature Range 24V24V 1600R 1280R

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