



MATERIALS:

HOUSING - THERMOPLASTIC PET POLYESTER FLAMMABILITY RATING UL 94V-0

SHIELD - .010" THICK, C26800 BRASS PREPLATED WITH 30μINCH SEMI-BRIGHT NICKEL. SOLDER TABS POST DIPPED WITH 100μINCH MIN SAC SOLDER

MOD JACK CONTACTS - 0.0157 X 0.018" PHOSPHOR BRONZE. 50μINCH MIN OVERALL NICKEL UNDERPLATE, WITH SELECT 50μINCH MIN HARD GOLD FINISH PLATE SOLDERABLES WITH 100μINCH MIN MATTE TIN AND/OR SAC SOLDER DIP

LIGHT EMITTING DIODE(LED) - DIFFUSED EPOXY LENS, .020" x .020" CARBON STEEL WIREFRAME LEADS PRE-PLATED WITH 100μINCH SILVER OVER 40μINCH NICKEL UNDERPLATE OVER 40μINCH COPPER UNDERPLATE. POST-PLATED WITH 100μINCH MIN MATTE TIN AND/OR SAC SOLDER DIP OR PURE TIN SOLDER DIP.

R1-R5 JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUB PART F.

MAGNETICS

-IMPEDANCE: 100 OHMS

-TURNS RATIO (GPR): CABLE, TX = 1:1, RX = 1:1

-OPERATING INDUCTANCE (OCL): 350mH MIN @ 100KHZ, 0.1V/RMS.

-BIAS FROM 0 C TO 70 C, TX AND RX

-PERFORMANCE @ 25 C

INSERTION LOSS (IL): 1.1dB MAX FROM 0.5MHZ TO 100KHZ

RETURN LOSS (RL): 18dB MIN FROM 0.5MHZ TO 30MHZ

18-20LOG(F/30)dB MIN FROM 30.1MHZ TO 60MHZ

12dB MIN FROM 60.1MHZ TO 80MHZ

CROSSTALK ATTENUATION: 35dB MIN FROM 0.5MHZ TO 4.0MHZ

33-20LOG(F/50)dB MIN FROM 4.01MHZ TO 100KHZ

COMMON MODE REJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHZ TO 100KHZ

-ISOLATION VOLTAGE: 2250VDC (MAX) FOR 60 SECONDS WITH A RISE TIME OF 500V/SEC. FOR 5-6605728-1, 5-6605728-2, 5-6605728-5, 6-605728-8, 5-6605728-9, 6-6605728-16, 6-6605728-2, 150VAC (MAX) AT 60HZ FOR 60 SECS. FOR 6605728-2, 6605728-9, 1-6605728-1

4. OPERATING TEMPERATURE: FROM 0 C TO -70 C

THE 250 OHM LED RESISTORS ARE OPTIONAL, PLEASE SEE CHART FOR PRESENCE OR ABSENCE OF LED RESISTORS. IF THE LED WITHHOUT 250 OHM RESISTORS, LED IS DRIVEN WITH CONSTANT CURRENT AT APPROX 20mA. LED COLOR:

DOMINANT WAVELENGTH (λD): GREEN 568 nm TYP. @ I_F=20mA

FORWARD VOLTAGE (V_F): GREEN 2.2V TYP. @ I_F=20mA

DOMINANT WAVELENGTH (λD): YELLOW 588 nm TYP. @ I_F=20mA

FORWARD VOLTAGE (V_F): YELLOW 2.1V TYP. @ I_F=20mA

DOMINANT WAVELENGTH (λD): ORANGE 605 nm TYP. @ I_F=20mA

FORWARD VOLTAGE (V_F): YELLOW 2.1V TYP. @ I_F=20mA

IF THE LED WITH 250 OHM RESISTORS, LED IS DRIVEN WITH 5V VOLTAGE AND THE MAX OPERATING CURRENT IS 20mA. LED COLOR:

DOMINANT WAVELENGTH (λD): GREEN 568 nm TYP. @ V_F=5V

FORWARD CURRENT (I_F): GREEN 12 mA TYP. @ V_F=5V

DOMINANT WAVELENGTH (λD): YELLOW 588 nm TYP. @ V_F=5V

FORWARD CURRENT (I_F): YELLOW 13 mA TYP. @ V_F=5V

INDICATED CONNECTIONS ARE FOR NIC CONFIGURATION. THE MAGNETICS ARE ASYMMETRICAL AND DO NOT SUPPORT AUTO-HID/MDX.

TE CONNECTIVITY PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROPRIATE LOCATION SHOWN.

THESE PARTS ARE RECOMMENDED FOR WAVE SOLDERING PROCESS. PREHEAT TEMPERATURE IS 120°C TO 160°C, 120 SECONDS TO 180 SECONDS. PEAK WAVE SOLDERING TEMPERATURE IS 260°C MAX, 10 SECONDS MAX.

OBsolete PARTS: OBsolete CIS STREAMLINING PER DRENAUD/D.SINISI

RESISTORS	LED1	LED2
YES	GREEN	ORANGE
NO	GREEN	GREEN
YES	YELLOW	YELLOW
NO	GREEN	YELLOW
YES	YELLOW/YELLOW	GREEN/YELLOW
NO	GREEN	GREEN
YES	GREEN	YELLOW
NO	GREEN	GREEN
YES	YELLOW	YELLOW
NO	GREEN	GREEN
YES	YELLOW	YELLOW
NO	GREEN	GREEN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DATE: 11/08/10

11X MAGNETON, 717 SERIES CIRCUIT, SHIELDED, OPTIONAL DECORATING CAPACITOR, WITH LEDS

TE Connectivity

1100779

6605728