

REV	DATE	DESCRIPTION	BY	CHK	APP
AA	22				
D		PER ECO-10-006759			01APR2016
E		ECO-11-01342B			20MAR2017

- MATERIALS:**
- HOUSING - THERMOPLASTIC PET POLYESTER FLAMMABILITY RATING UL 94V-0
 - SHIELD - 0.031" THICK, C26800 BRASS PREPLATED WITH 35MINCH MIN SEMI-BRIGHT NICKEL SOLDER TABS POST DIPPED WITH 100MINCH MIN SAC SOLDER
 - MOD JACK CONTACTS - 0.017" X 0.018" PHOSPHOR BRONZE, 50MINCH MIN OVERALL NICKEL UNDERPLATE WITH SELECT 50MINCH MIN HARD GOLD FINISH PLATE SOLDER TABS WITH 100MINCH MIN MATTE TIN AND/OR SAC SOLDER DIP
 - LIGHT EMITTING DIODE(LED) - DIFFUSED EPOXY LENS, 0.025" X 0.025" CARBON STEEL WIREFRAME LEADS PRE-PLATED WITH BRUSH SILVER OVER 40MINCH NICKEL UNDERPLATE OVER 40MINCH COPPER UNDERPLATE, POST-PLATED WITH 100MINCH MATTE TIN AND/OR SAC SOLDER DIP OR PURE TIN SOLDER DIP
- 2. RA45 JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUB PART F.**
- MAGNETICS**
- IMPEDANCE: 100 OHMS
 - TURNS RATIO (COP. CABLE): TX = 11, RX = 11
 - OPEN CIRCUIT INDUCTANCE (OCL): 350nH MIN @100MHz, 0.1Vrms, BRNDC BIAS FROM 0°C TO 70°C, TX AND RX
 - PERFORMANCE @ 35°C
 - INSERTION LOSS (IL): 1.5dB MAX FROM 0.5MHz TO 100MHz
 - RETURN LOSS (RL): 18dB MIN FROM 0.5MHz TO 30MHz
 - 18-20LOG(I/30)dB MIN FROM 30.1MHz TO 60MHz
 - 12dB MIN FROM 60.1MHz TO 80MHz
 - CROSSTALK ATTENUATION: 35dB MIN FROM 0.5MHz TO 40MHz
 - 33-20LOG(I/50)dB MIN FROM 40.1MHz TO 100MHz
 - COMMON MODE REJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHz TO 100MHz
 - ISOLATION VOLTAGE: 2500V (MAX) FOR 60 SECONDS WITH A RISE TIME OF 500V/SEC AND WITH ALL PORTS CONNECTED.
- 4. OPERATING TEMPERATURE: FROM 0°C TO +70°C.**
- 5. 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. AT VF=5V
 - FORWARD CURRENT (IF): GREEN 12 mA TYP. AT VF=5V
 - DOMINANT WAVELENGTH (λD): YELLOW 588 nm TYP. AT VF=5V
 - FORWARD CURRENT (IF): YELLOW 13 mA TYP. AT VF=5V
- 6. INDICATED CONNECTIONS ARE FOR A HUB CONFIGURATION. THE MAGNETICS ARE SYMMETRICAL AND SUPPORT AUTO-MDX.**
- 7. TE CONNECTIVITY LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROPRIATE LOCATION AS SHOWN.**
- 8. THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESSES. PEAK WAVE SOLDERING TEMPERATURE IS 265°C MAX, 10 SECONDS MAX.**

DIM A	LED1	LED2	PART NUMBER
.090±.010	GREEN	YELLOW	2-6610156-B
.145±.010	GREEN	YELLOW	5-6610156-B

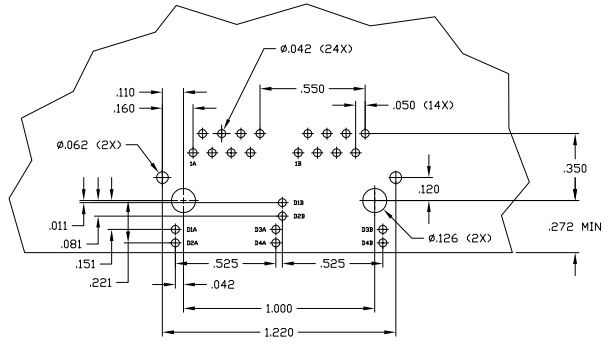
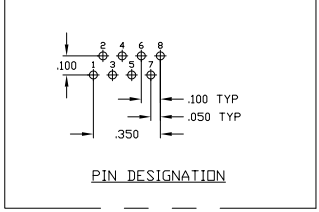
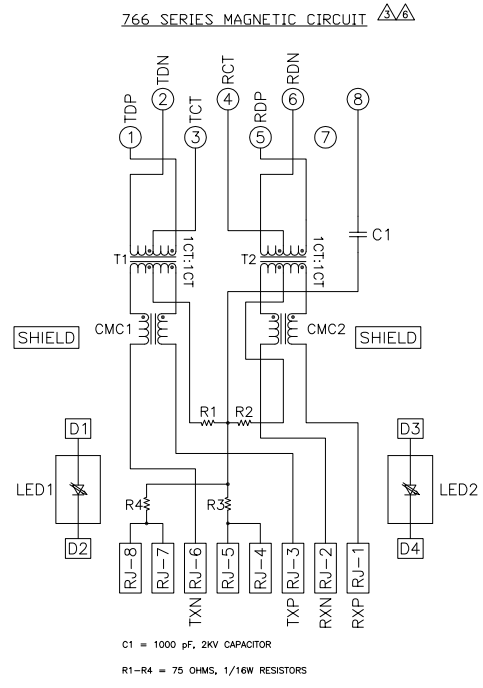
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TE Connectivity

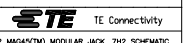
1X2 MAG45(TM) MODULAR JACK, 7H2 SCHEMATIC, 66 SERIES CIRCUIT, DECOUPLING CAPACITOR, SHIELDED, WITH GREEN/YELLOW LEADS

SIZE CODE (Refer to 00779) 6610156

CUSTOMER DRAWING



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DESIGNER	DATE	BY	CHK
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1X2 MAG45(TM) MODULAR JACK, 7#2 SCHEMATIC, SHIELDED, WITH GREEN/YELLOW LEADS

REV: 00779 (C) 6610156