1. MATERIALS:
   PLASTIC HOUSING: BLACK, THERMOPLASTIC FLAMMABILITY RATING UL 94V-0
   SHAFT: BRASS, PRECIPITATED WITH 0.75UM MIN SEMI-REACTIVE NICKEL
   POST DIPPED WITH 2.5UM MIN SOLDER ON SOLID TAILS
   CONTACTS: PRECIPITATED, 1.25UM MIN OVERALL NICKEL UNDERPLATE
   WITH SELECT 1.7UM MIN OR WITH SELECT 0.5UM MIN COPPER OVER 0.15UM MIN
   TUNGSTEN-NICKEL AT WITNESS INTERFACE AND 2.5UM MIN NICKEL TIN ON
   SOLID TAILS
   LED: IRRADIATED EPOXY LENS, CARBON STEEL LEAD TRAPEZE TAILS OR LED
   SHEETED WITH 2.5UM MIN SILVER OVER 1.25UM NICKEL
   UNDERPLATE OVER 0.5UM MIN COPPER UNDERPLATE, POST-DIPPED WITH
   2.5UM MIN NICKEL TIN AND/OR SAC SOLDER DIP OR PURE TIN SOLDER DIP

   MAGNETIC:
   APPLICATION: 10/100 BASE-T
   IMPEDANCE: 100 OHMS
   TRANSFORMER CABLE: T1 = 1:1, RX = 1:1
   OPEN CIRCUIT INDUCTANCE (T1): 350UH MIN, 800UH MAX
   TRANSFORMER PERFORMANCE @ 25°C:
   INSERTION LOSS (T1): 1.0dB MAX FROM 0 MHZ TO 100MHZ
   RETURN LOSS (T1): 10dB MIN FROM 0 MHZ TO 100MHZ
   10DB MIN FROM 0 MHZ TO 100MHZ
   CROSSOVER ATTENUATION: 35dB MIN FROM 0 MHZ TO 100MHZ
   COMMON MODE REJECTION RATIO: 85dB MIN FROM 0 MHZ TO 100MHZ
   ISOLATION VOLTAGE: 2500VDC (MAX) FOR 60 SECONDS WITH 1 WAVEFORM OF
   120VAC, 60HZ, AND WITH ALL PORTS CONNECTED.

   PART NUMBER, DATE CODE AND COUNTRY OF ORIGIN ARE
   LOCATED IN APPROXIMATE AREA SHOWN.
   THE LOGO AND SAMSUNG APPROVAL LOGO ARE
   LOCATED IN APPROXIMATE AREA SHOWN.

   OPERATING TEMP: FROM 0°C TO +50°C.

   6. R245 CAVITY COMFORTS TO FCC RULES AND REGULATION PART 68 SUBPART F.
   ■ INDICATED MAGNETIC CONNECTIONS ARE SYMMETRICAL AND
   SUPPORT AUTO-VOICEMAIL.
   ■ DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
   ■ BASIC DIMENSION ESTABLISHED BY CUSTOMER, BUT MAY NOT BE
   GREATER THAN 5.0MM.
   ■ LEGS ARE Driver WITH CONSTANT CURRENT AS APPROX 20mA
   LED COLOR: BROWNSTONE 640NM (±0.5), GREEN 530NM (±0.5)
   FORWARD VOLTAGE (Vf): GREEN 2.2V TYP. @ 1mA

   THE PARTS ARE RECOMMENDED FOR WAVE SOLIDIFYING PROCESS.
   PEAK TEMPERATURE 260°C MAX, 10 SECONDS MAX.