SAFETY ORGANIZATIONS

This filter has been formally recognized, certified or approved by the listed agency, therefore, all test/requirements specified in the latest revision of the following agency standards have been met:

UL Recognized: UL 1239
CSA Certified: CSA C22.2, # 6
VDE Approved: EN 60990-2

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 40 mA/40°C, 120/250VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT, EACH TO GROUND: 0.75mA @ 120V, 60Hz
1.25mA @ 250V, 50Hz

OPERATING AMBIENT TEMP. RANGE: -10°C to 40°C @ Rated Current, I_r.

IN A N AMBIENT, T_a, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o, IS AS FOLLOWS:

\[ I_o = I_r \times \frac{100 - T_a}{60} \]

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE: -40°C TO +65°C
HUMIDITY: 21 DAYS @ 40°C 50% RH
CURRENT OVERLOAD TEST: 5 TIMES I_r FOR 0 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE: 2.3 mH Nominal
CAPACITANCE: (Measured @ 1kHz, 0.250VAC Max., 25°C @ 1°C)
Line to Ground: 0.035μF ± 20%
LINE TO LINE: 2.00μF ± 20%
DISCHARGE RESISTOR: 10kΩ
L/R AND L/L .1R
NO DISCHARGE RESISTOR: 600VAC (Min.) @ 100VDC
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND: 1500VAC OR 2250VDC FOR 1 MINUTE
LINE TO LINE: 1450VDC FOR 1 MINUTE

FILTER APPROVAL:

THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

Tyco Electronics

CUSTOMER DRAWING

Tyco Electronics Part No.: 40VSK6

Rev. A

40VSK6-6

NIS: 30E002

P/N: 40VSK6

TORQUE: 27±3 IN-LBS
Click to View Pricing, Inventory, Delivery & Lifecycle Information:

**TE Connectivity:**
40VSK6  1-6609036-6