

VDSL Line Transformer



B33XXG Series



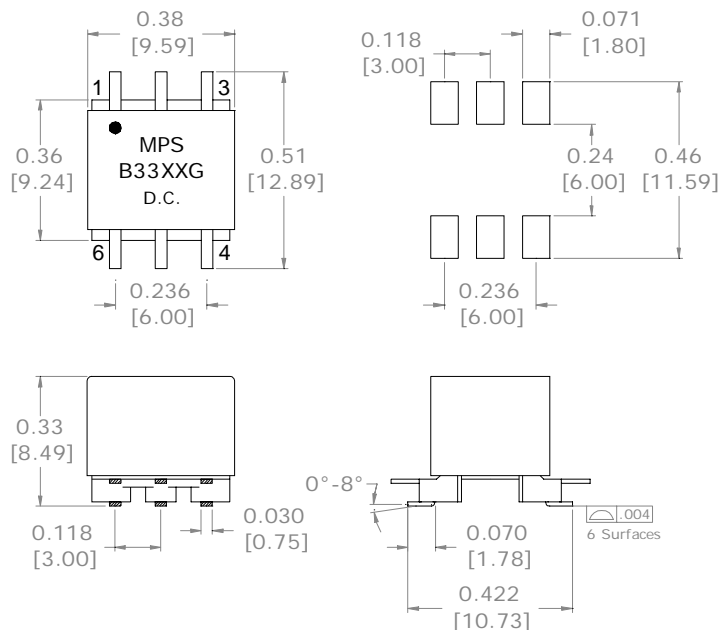
- Matched to Ikanos VDSL chipset
- Excellent THD performance
- 1500Vrms Isolation
- Miniature version reduces board space
- IEC 60950 compliant to supplementary insulation requirements

ELECTRICAL SPECIFICATION @ 25°C

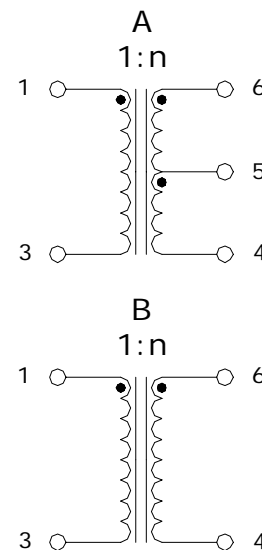
| Part Number | Turns Ratio (± 2%) | Insertion Loss (-1dB max.) | Return Loss (-10dB typ.) | THD @ 80KHz (db max.) | Lonbitudinal Balnce (50dB min./ITU) | Sch. |
|-------------|-----------------------|-------------------------------|-----------------------------|-----------------------------|--|------|
| B3315G | 1:1.5CT | 0.15-12.5MHz | 0.15-12.5MHz | -70 | .02-1MHz | A |
| B3330G | 1:3 | .08-12.5MHz | .08-12.5MHz | -70 | - - - | B |
| B3334G | 1:3.4 | .025-16MHz | .025-16MHz | -70 | - - - | B |

- Characteristic Impedance (Z): 100 Ohms

Mechanical



Schematic



Dimensions

Unless otherwise specified, all tolerances are:
 .XX ± 0.010" & .XXX ± 0.003"
 Inches
 [mm]

Product performance is limited to specified parameter. Data is subject to change without prior notice.

B33XXG-A
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