

**ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:**  
**LONGITUDINAL BALANCE:** 35dB min., 1.544MHz.

**D.C. RESISTANCE (@20°C):** 1-2; 3-5; 6-8; 9-10; 11-12; 13-15; 16-18; 19-20; 23-25; 26-28; 33-35; 36-38; 0.8 ohms max.  
 21-22; 29-30; 31-32; 39-40; 2.0 ohms max.

**INDUCTANCE:** 1.2mH min., 10kHz, 100mVAC, 1-2; 3-5; 6-8; 9-10; 11-12; 13-15; 16-18; 19-20, 1s.

**LEAKAGE INDUCTANCE:** 0.5uH max., 100kHz, 100mVAC, 1-2(tie 39+40); 3-5(tie 36+38); 6-8(tie 33+35); 9-10(tie 31+32); 11-12(tie 29 + 30); 13-15(tie 26+28); 16-18(tie 23+25); 19-20(tie 21+22).

**DIELECTRIC RATING:** 1500VAC, 1 minute tested by applying 1875VAC for 1 second between 1-40; 3-38; 6-35; 9-32; 11-30; 13-28; 16-25; 19-22.

**TURNS RATIO/POLARITY:** (1-2):(40-39) = (9-10):(32-31) = (11-12):(30-29) = (19-20):(22-21) = 1:2.4, ±2%.  
 (3-5):(38-36) = (6-8):(35-33) = (13-15):(28-26) = (16-18):(25-23) = 1:1, ±2%.

**CAPACITANCE:** 35pF max., 100kHz, 100mVAC, 1-40; 3-38; 6-35; 9-32; 11-30; 13-28; 16-25; 19-22, Cs.

**OPERATING TEMPERATURE RANGE:** -40°C to +85°C.

**COPLANARITY:** All 40 terminals must lie on a plane within .004[.10] of Surface A after lead tinning.

Designed to comply with the following requirements as defined by IEC60950-1, EN60950-1, UL60950-1/CSA60950-1 and AS/NZS60950.1:  
 - TNV-1 to SELV isolation.

Ⓢ

**AGENCY NUMBER**  
 UL 60950-1 E205930  
 CSA 60950-1 E205930  
 (Via CUL)

**DRAWING NO.**  
 51061R

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

**TRANSFORMER**  
 PDFP-G40

**REVISIONS:** SEE SHEET 1

**SCALE** ---

**SHEET 2 OF 8**

**TRANSFORMER**  
 PDFP-G40

**DETAILS SUBJECT TO CHANGE**

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1°  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

**Midcom, Inc.**