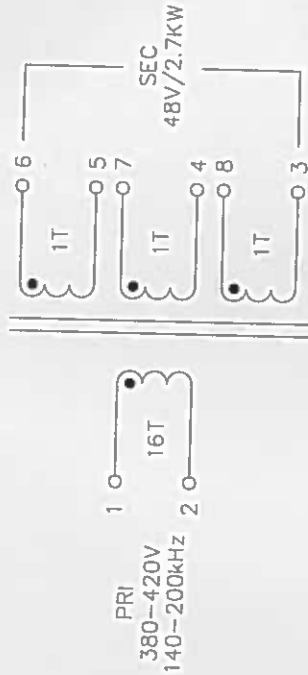




NOTES: UNLESS OTHERWISE SPECIFIED

1. PLASTIC: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
2. SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, IPC/EIA J-STD-003A.
3. OPERATING TEMPERATURE: -40°C TO +125°C (INCLUDE THE TEMPERATURE RISE).
4. STORAGE TEMPERATURE: -40°C TO +125°C.
5. ALL PINS LENGTH DON'T INCLUDE TIN ICICLE.



SCHEMATIC

UNLESS OTHERWISE SPECIFIED, TESTING IS PERFORMED AT 25 °C ± 5 °C

1. TURNS RATIO AND POLARITY: AT 100 kHz, 0.1 VRMS W/ UNGAPPED CORES  
(1'-2) : (8'-3) = 16.00±3%  
(1'-2) : (7'-4) = 16.00±3%  
(1'-2) : (6'-5) = 16.00±3%
2. HIPOT: AT 50/60 Hz 1 mA 6 SECONDS  
(1,2-3,4,5,6,7,8) = 3000 VAC  
(1,2-CORE) = 1500 VAC  
(3,4,5,6,7,8-CORE) = 500 VAC
3. INDUCTANCE: AT 100 kHz, 0.1 VRMS  
(1-2) = 565.00 uH ±15% AT 0 ADC
4. LEAKAGE INDUCTANCE AT 100 kHz, 0.1 VRMS  
(1-2) W/ (3,4,5,6,7,8) SHORTED = 5.00 uH ±20%
5. DCR:  
(1-2) = 40.00 MOHMS MAXIMUM  
(3-8) = 0.50 MOHMS MAXIMUM  
(4-7) = 0.50 MOHMS MAXIMUM  
(5-6) = 0.50 MOHMS MAXIMUM

|     |                                               |           |
|-----|-----------------------------------------------|-----------|
| MX6 | CHANGE INDUCTANCE SPEC.                       | 02APR2022 |
| MX5 | CHANGED TO SQUARE TRIPLE INSULATED LITZ WIRE. | 26JUL2021 |
| MX4 | CHANGED THE DESIGN                            | 03NOV2020 |
| MX3 | CHANGED THE LENGTH OF FLY WIRES.              | 03NOV2020 |
| MX2 | CHANGED THE FLY WIRES.                        | 22OCT2020 |
| MX1 | PROTOTYPE DESIGN                              | 14OCT2020 |
| REV | DESCRIPTION                                   | DATE      |

REVISION HISTORY

|                                                           |                         |
|-----------------------------------------------------------|-------------------------|
| PULSE CONFIDENTIAL PROPRIETARY                            | PRODUCT DESCRIPTION     |
| © Copyright, Pulse Electronics Corp. All rights reserved. | XFMR,PSFB,2.7KW,EW39,TH |

|          |                 |           |       |     |
|----------|-----------------|-----------|-------|-----|
| CUSTOMER | DESIGN ENGINEER | PART NO.  | SHEET | REV |
| -        | HARVEY/GEORGE   | PAT6289NL | 1 / 2 | MX6 |