MECHANICAL

1. MARKING REQUIREMENTS: MARK PRIMARY PACKAGING CONTAINER.
   500-2746
   YYWW

2. CONFORMAL COAT WITH SC 281

3. AMBIENT TEMPERATURE RANGE:
   OPERATING: -46°C TO +125°C
   NON-OPERATING: -51°C TO +125°C

4. THERMAL SHOCK: IN ACCORDANCE WITH MIL-STD-202, METHOD 107 EXCEPT STEP 3
   TEMPERATURE SHALL BE +125°C.
   NUMBER OF CYCLES: FIVE (5)

5. UNITS SHALL BE CAPABLE OF MEETING SOLDERABILITY IN ACCORDANCE WITH MIL-STD-202, METHOD 208.

6. MAGNET WIRE SHALL BE IN ACCORDANCE WITH JW-1177/42 (155°C CLASS) NEMA MW80

ELECTRICAL SPECIFICATIONS

TURNS RATIO: 1:1
OPEN CIRCUIT INDUCTANCE: 1.25mH ±25% 10 KHz 100mV
PRIMARY LEAKAGE INDUCTANCE: 170nH MAX.
(1-2 SH 3, 5) 120 KHz 50mV
DC RESISTANCE: 0.360 OHMS MAX. (1-2) (3-5)
INTERWINDING CAPACITANCE: 64pF MAX. (1-5)
120 KHz 50mV
HIGH VOLTAGE TEST: 300 VRMS BETWEEN WINDINGS
SRF: 900 KHz MIN.

BH CATALOG

CUSTOM
NON-PROPRIETARY X

DRAWN: K. LOFTUS
ENGRAVER: B. HAYS

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS IN INCHES, TOLERANCES
NON-CUMULATIVE
XX±.01 XXX±.005

BH ELECTRONICS, INC.
BURNSVILLE & MARSHALL, MN
© 1998 BH Electronics

TITLE:
TRANSFORMER, GATE DRIVE

PART NO.
500-2746

REVISE NOTE 6
10-21-11
J
ISSUE DATE
REVISION (Q10963)