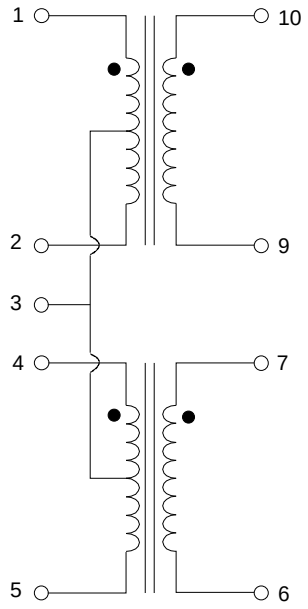
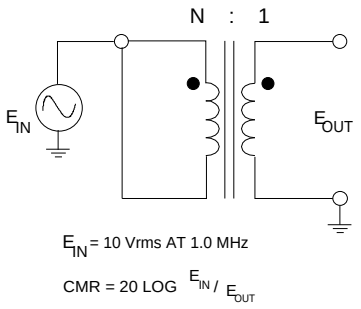
TABLE 1: ELECTRICAL SPECIFICATIONS AT 25°C

PARAMETER	SPEC LIMITS MIN.	TYP.	MAX.	UNITS
TURNS RATIO'S: FREQUENCY: 10 KHZ VOLTAGE: 1.0 VRMS				
(1-2) : (10-9)	--------	1 : 2.5	--------	± 3%
(4-5) : (7-6)	--------	1 : 2.5	--------	± 3%
DC RESISTANCE				
1-2, 4-5	--------	--------	1.5	Ω
10-9, 7-6	--------	--------	3.5	Ω
IMPEDANCE: 10-9 & 7-6				
FREQUENCY: 75 KHZ TO 249KHZ	3000	--------	--------	Ω
FREQUENCY: 250 KHZ TO 1 MHZ	4000	--------	--------	Ω
COMMON MODE REJECTION	45	--------	--------	dB
HI-POT: 1-10, 4-7	100	--------	--------	VRMS
INSULATION RESISTANCE 250Vdc BETWEEN 1 -10, 4-7	1000	--------	--------	MΩ

NOTE1:
DESIGNED TO MEET MIL-STD-1553A/B AND MIL-PRF-21038.

FIGURE 1: SCHEMATIC DIAGRAM

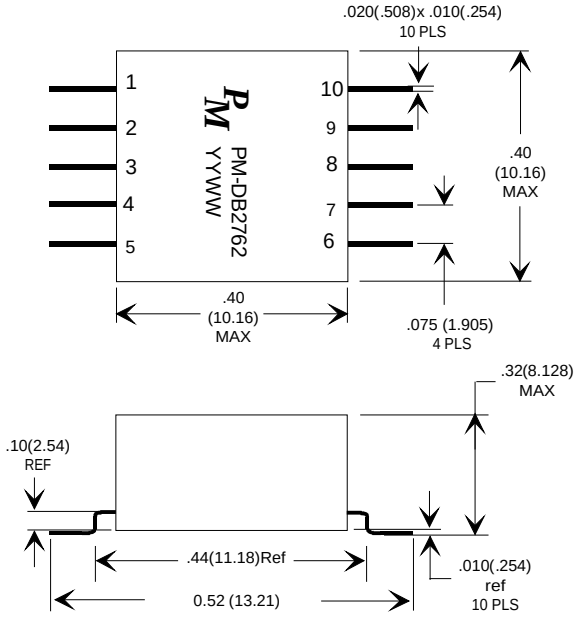




E_{IN} = 10 Vrms AT 1.0 MHz

CMR = 20 LOG E_{IN} / E_{OUT}

FIGURE 2: PHYSICAL DIMENSIONS IN INCHES (mm)



REV.	DESCRIPTION OF CHANGES	BY
05/07/10	UPDATE RELEASE, ADD TABLE 2, GENERAL SPECIFICATION	PP
07/27/10	CORRECT PINS WIDTH	PP

premier magnetics
innovators in magnetics technology

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
DIMENSIONAL TOLERANCES ARE:
DECIMALS ANGLES
.XX ± .04 ± 0° 30'
.XXX ± .020
DO NOT SCALE DRAWING

TRANSFOMER CONTROL DRAWING	
PREMIER P/N: PM-DB2762	REVISION: 07/27/10
ENGR: PETER PHAM	REF: 21038/27
SCALE: NONE	SHEET: 1 OF 2

TABLE 2: GENERAL SPECIFICATIONS

PARAMETER	VALUE	UNIT	REMARKS
Case			Flame Resistant, Diallyl Phthalate
Weight	gm	3.0 Max	
Terminals			Solderable, meet RoHS
Terminal Strength	lbs	2	2 pounds applied force, Mil-Std-202, Method 211, Condition A
Dielectric Withstanding Voltage	Vrms	100	Mil-Std-202, Method 301
Insulation Resistance	MΩ	1,000	Mil-Std-202, Method 302, Condition B, At 250Vdc
Life (Expectancy "X")	Hrs	10,000 Min	Mil-Prf-21038
Pulse Width	μS	2	Mil-Prf-21038, Figure 3 & 4
Overshoot & Ringing	V	± 1 Max	Mil-Prf-21038, Figure 3 & 4
Droop	%	20%Max	Mil-Prf-21038, Figure 3 & 4
Rise Time	ns	250 Max	Mil-Prf-21038, Figure 3 & 4
Common Mode Rejection	dB	45	Mil-Prf-21038, Figure 2
Operation Temperature	^{O}C	-55^{O}C to +130^{O}C	
Turns Ratio			See Table 1
DC Resistance			See Table 1
Impedance			See Table 1