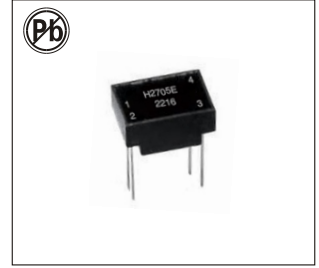


MIL-STD 1553B INTERFACE TRANSFORMERS H2705E

Features

- This transformers fully meet MIL STD 1553B Command/Response Multiplex Data Bus requirements.
- They also meet MIL-T-21038 Pulse Transformer Specs.
- Applied standards: ESCC 3201 generic specification for space products
- Epoxy molding in accordance with outgassing requirements of ECSS-Q-ST-70-02C
- This transformers feature a high efficiency design for minimum losses.
- All windings are centertapped for greater circuit application flexibility.
- The series is packaged in a printed circuit style configuration, with a low profile configuration.

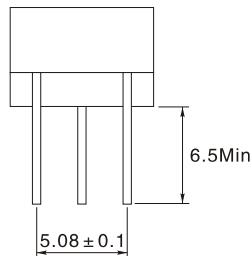
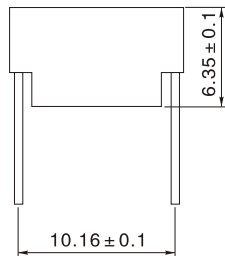
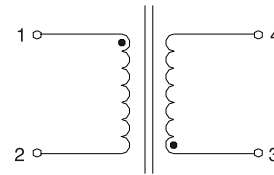
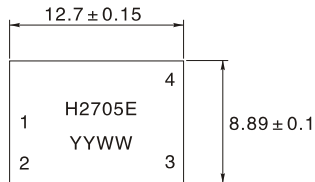


ELECTRICAL CHARACTERISTICS:@25°C

Part No.	Pri Pins	Sec Pins	Turns ratio (± 3%)	Impedance (Ω)Min	RDC (Ω)Max	Decay time
H2705E	1-2	3-4	1.41:1	(1-2)	(1-2) 3.5	150ns
				3000	(3-4) 2.5	

PHYSICAL CHARACTERISTICS:(mm)

WINDING:



NOTES:

- Common mode rejection ratio is greater than 45 db and 1 MHz.
- Input impedance is greater than 3000 ohms over the band from 75 KHz to 1 MHz at 1V rms.
- Operating temperature range: -55°C to +150°C
- Interwinding insulation: 500Vrms, 500Hz