

MIL-STD 1553B INTERFACE TRANSFORMERS H2725E

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.

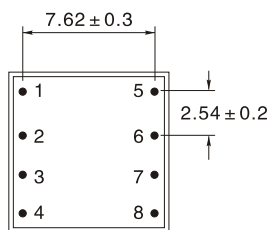
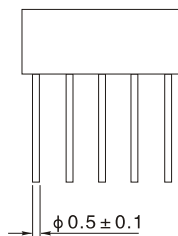
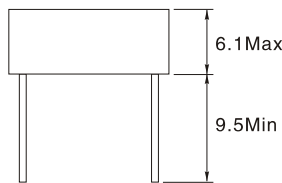
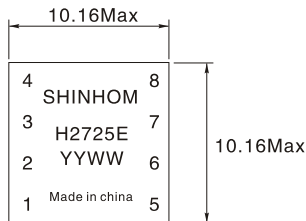


ELECTRICAL CHARACTERISTICS:@25°C

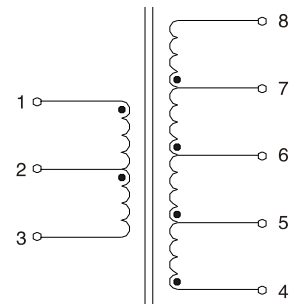
Part No.	Pri Pins	Sec Pins	Turns ratio ($\pm 3\%$)	Impedance (Ω)Min	RDC (Ω)Max	Decay time
H2725E	1-3	4-8	1:2.5	(4-8)	(1-3) 1.0	250ns
	1-3	5-7	1:1.79	4000	(4-8) 3.5	

PHYSICAL CHARACTERISTICS:(mm)

WINDING:



Bottom view



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+125°C
- Interwinding insulation: 500Vrms,500Hz