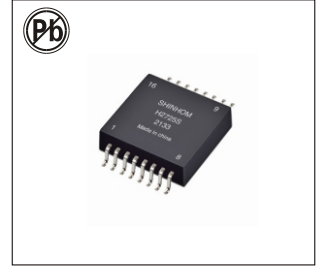


MIL-STD 1553B INTERFACE TRANSFORMERS H2725S

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.

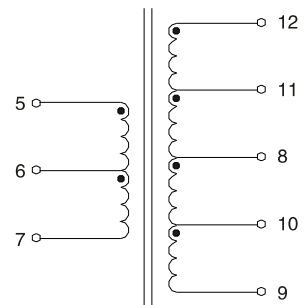
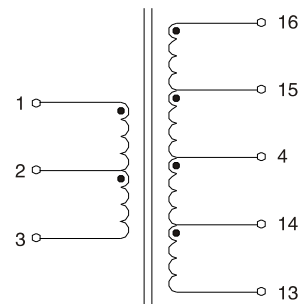
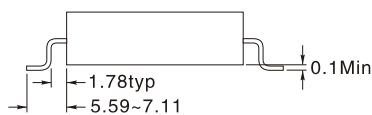
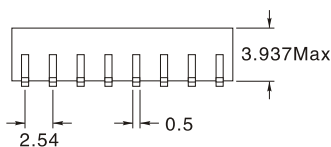
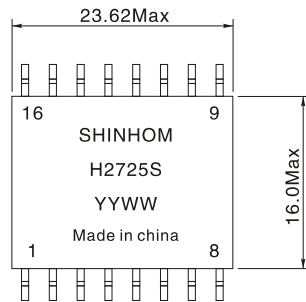


ELECTRICAL CHARACTERISTICS:@25°C

Part No.	Turns ratio ($\pm 3\%$)		Turns ratio ($\pm 3\%$)		RDC (Ω)Max	Impedance (Ω)Min
H2725S	1-3:16-13	1:2.5	1-3:15-14	1:1.79	(1-3) 1.0,(16-13) 3.5	4000
	5-7:12-9	1:2.5	5-7:11-10	1:1.79	(5-7) 1.0,(12-9) 3.5	4000

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