



ROMOLAND, INC

4260-2725-00

10BASE-T ISOLATION MODULES IN PCMCIA PACKAGE



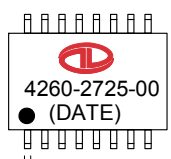
Features

- Low Profile PCMCIA Package
- Isolation: 2000 Vrms
- Temperature range -40°C to +85°C

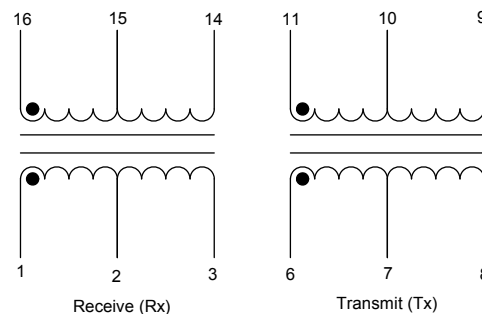
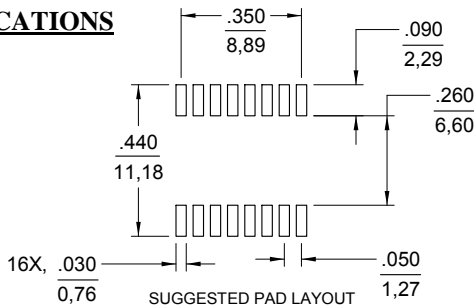
ELECTRICAL SPECIFICATIONS @ 25°C

PARAMETER	SPECIFICATION	TEST CONDITION
T/R (1-2-3) : (16-15-14)	1CT : 1CT +/- 5%	HP4284A
T/R (6-7-8) : (11-10-9)	1CT : 1CT +/- 5%	HP4284A
POLARITY	1,2,16 & 15 SAME PHASE	PULSE METHOD
POLARITY	6,7, 11 & 10 SAME PHASE	PULSE METHOD
HIPOT	2000 VAC	HIPOT TESTER
INDUCTANCE (1-3)	100µH MIN	HP4284A: 0.1 Vrms @ 100kHz
INDUCTANCE (1-3) @ 85°C	100µH MIN	HP4284A: 0.1 Vrms @ 100kHz
INDUCTANCE (1-3) @ -40°C	70µH TYP	HP4284A: 0.1 Vrms @ 100kHz
INDUCTANCE (6-8)	100µH MIN	HP4284A: 0.1 Vrms @ 100kHz
INDUCTANCE (6-8) @ 85°C	100µH MIN	HP4284A: 0.1 Vrms @ 100kHz
INDUCTANCE (6-8) @ -40°C	70µH TYP	HP4284A: 0.1 Vrms @ 100kHz
LEAKAGE INDUCTANCE	0.20µH MAX	HP4284A: 0.1 Vrms @ 100kHz
Interwinding Capacitance (C _{ww})	10pF MAX	HP4284A: 0.1 Vrms @ 100kHz
DCR	0.30Ω MAX	VALHALLA

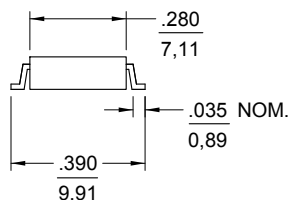
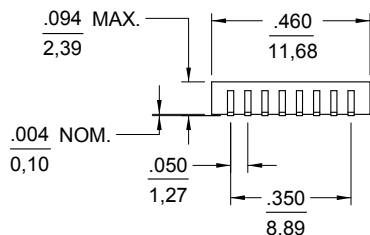
MECHANICAL SPECIFICATIONS



.018 NOM.
0,46



SCHMATIC



NOTES

- 1.) All dimensions are specified in inches/mm
- 2.) Unless otherwise specified, tolerances are ±.010/0,25
- 3.) Dimensions are exclusive of solder
- 4.) Coplanarity ±.004/0,102