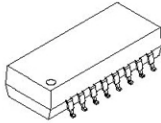


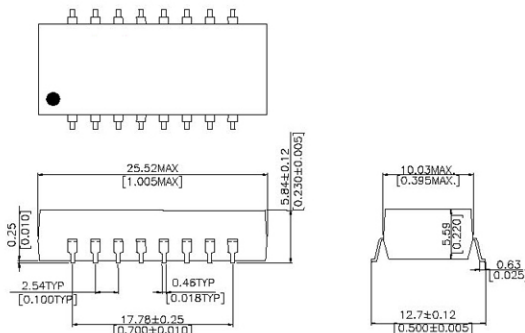
10/100 Single Port Transformer Module



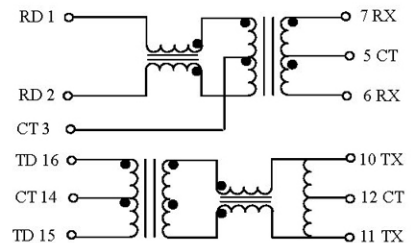
- ★ Designed to meet IEEE802.3u requirement
- ★ Designed to meet IR 235⁰C peak requirement
- ★ Primary inductance 350μH min. with 8mA DC Bias
- ★ Single Port for NIC or Hub Application
- ★ Operating temperature range: 0°C to +85°C
- ★ Reflow Condition : Maximum reflow temperature is 250°C/-5°C, time is 20~40 sec. (Refer to IPC/ JEDEC J-STD-020C standard).

Specifications										
Part Number	Turn Ratio		Insertion Loss 1~100MHz (dB MAX)	Return Loss (MHz)			CMRR (dB)			Hi-Pot (Vrms MIN)
	Tx	Rx		30MHz	60MHz	80MHz	30MHz	50MHz	100MHz	
AS0001	1:1	1:1	1.0	-20db	-15dB	-12dB	-42db	-40dB	-35dB	1500
AS0002	1.414:1	1:1	1.0	-20db	-15dB	-12dB	-42db	-40dB	-35dB	1500
AS0003	1.25:1	1:1	1.0	-20db	-15dB	-12dB	-42db	-40dB	-35dB	1500
AS0004	2:1	1:1	1.0	-20db	-15dB	-12dB	-42db	-40dB	-35dB	1500
AS0005	1:1.414	1:1	1.0	-20db	-15dB	-12dB	-42db	-40dB	-35dB	1500
AS0006	1:1.25	1:1	1.0	-20db	-15dB	-12dB	-42db	-40dB	-35dB	1500

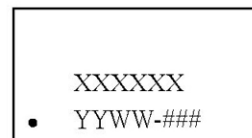
Dimension



Schematic



Marking



Remark:
 XXXXXX=PART NUMBER
 YYWW-###DATE CODE , YY=YEAR · WW=WEEK
 ###=Control Code