

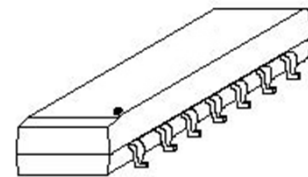
LAN

10 BASE-T Surface Mount Interface Modules

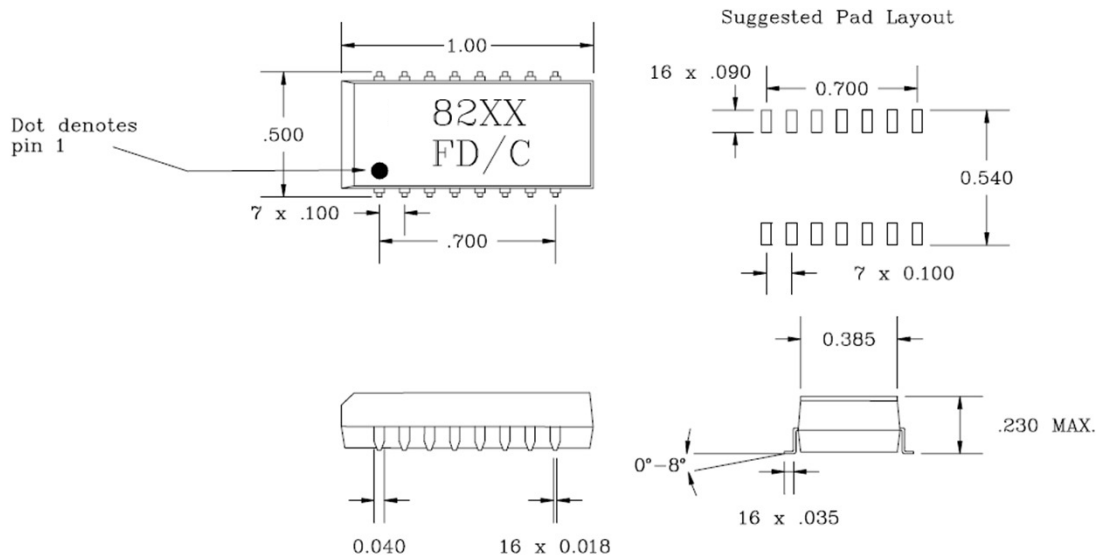
8231-8239

- Low profile surface mount package
- 235°C peak infrared reflow temperature rating
- Units matched to following transceivers

AMD	AM186CC15DN	8236	DAVICOM	DM9008	8232, 8234
	AM79C98	8231, 8232, 8234, 8236	FUJITSU	MB86967	8232, 8234
	AM79C100	8231, 8232, 8234, 8236	LSI LOGIC	L64381	8232, 8234, 8237
	AM79C940	8231, 8232, 8234, 8236	LUCENT	T7231	8232, 8234
	AM79C960	8231, 8232, 8234, 8236		T7241A	8232, 8234
	AM79C961	8231, 8232, 8234, 8236	MOTOROLA	MC68160	8232, 8234, 8238
	AM79C965	8231, 8232, 8234, 8236	NATIONAL	DP83902	8232, 8234, 8235
	AM79C970	8231, 8232, 8234, 8236		DP83902A	8232, 8234, 8235
	AM79C971	8231, 8232, 8234, 8236		DP83905	8232, 8234, 8235
	AM79C981	8231, 8232, 8234, 8236		DP83934	8232, 8234, 8235
	AM79C982	8231, 8232, 8234, 8236			
	AM79C983	8231, 8232, 8234, 8236			
SYMBIOS LOGIC	NCR92C350	8232, 8234, 8236			



MECHANICAL (All dimensions in inches)



NOTE: See page 2 for electrical characteristics, schematics and resistor values.

ELECTRICAL CHARACTERISTICS AND RESISTOR VALUES @ 25°C

P/N	Insertion Loss to 10MHz (dB MAX)	Attenuation (XMIT) (dB MIN)			Crosstalk (dB MIN)	Common Mode Rejection (XMIT) (dB MIN)					Resistor Values See Schematics						
		30 MHz	40 MHz	100 MHz		5-10 MHz	5 MHz	10 MHz	50 MHz	100 MHz	200 MHz	R1 Ω	R2 Ω	R3 Ω	R4 Ω	R5 Ω	R6 Ω
8231	-6.0	-35	-35	-35	-35	-60	-60	-55	-50	-45	-	-	-	-	-	-	-
8232	-1.0	-30	-35	-35	-35	-60	-60	-55	-50	-45	-	-	-	-	-	-	-
8233	-6.5	-35	-35	-35	-35	-60	-60	-55	-50	-45	-	-	-	-	-	-	-
8234	-1.0	-30	-27	-27	-30	-40	-30	-50	-45	-	-	-	-	-	-	-	-
8235	-5.5	-30	-30	-35	-30	-35	-30	-55	-50	-	348	53.6	53.6	348	806	49.9	49.9
8236	-6.0	-30	-27	-27	-35	-40	-35	-45	-30	-	61.9	422	61.9	422	1210	49.9	49.9
8237	-5.0	-30	-35	-40	-25	-35	-30	-55	-50	-	390	63.4	390	63.4	-	49.9	49.9
8238	-5.0	-30	-35	-40	-25	-35	-30	-55	-50	-	39.0	-	39	-	-	49.9	49.9
8239	-1.0	-30	-27	-27	-35	-40	-35	-45	-45	-	-	-	-	-	-	-	-

- Return Loss 5 to 10 MHz (dB MIN) -18 dB @ 100Ω
-15 dB @ 98+/- 13 Ω
- Hi-Pot (Vrms MIN) 1500

SCHEMATICS

