

Line Transformers for Modems

Type: **EJ08A, EJ08C, EJ08D
EJ13A**

Small, low distortion for high speed modems

Industrial Property: Patent 1 (pending)

■ Features

Type EJ08A

- Low distortion, suitable for Modem of V.32 bis/
V.34.(14.4k/28.8k/33.6kbps)
- Low profile h=4.3 mm max.
- Available for sinking mounting.
- 3 terminal forms for the various mounting style.
- C-UL file number E 113416

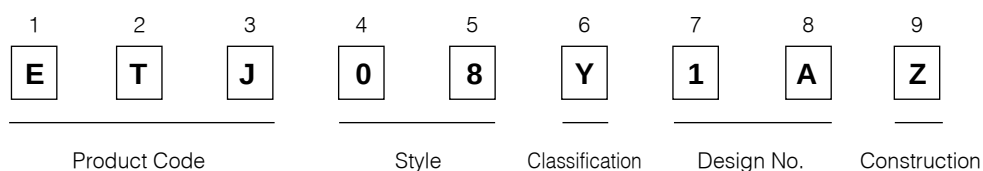
Type EJ08C/EJ08D/EJ13A

- Low distortion, suitable for Modem of 56k
- C-UL file number E 113416

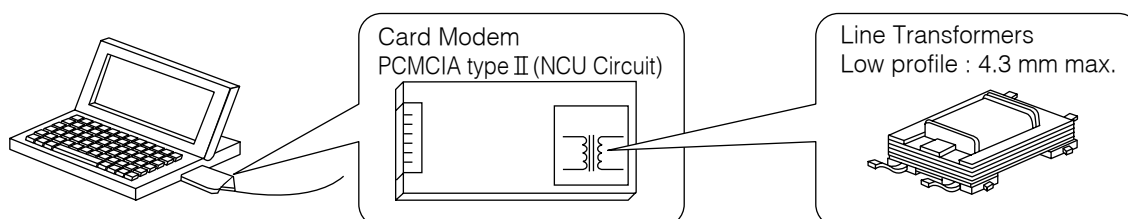
■ Recommended Applications

- Card modems
- Portable terminals of information
- Note type PC built-in Modem

■ Explanation of Part Numbers



■ Examples of Applications

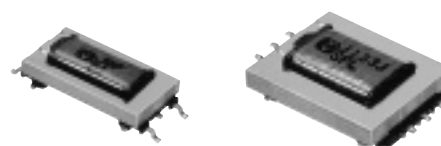


Japan



08A

08C



08D

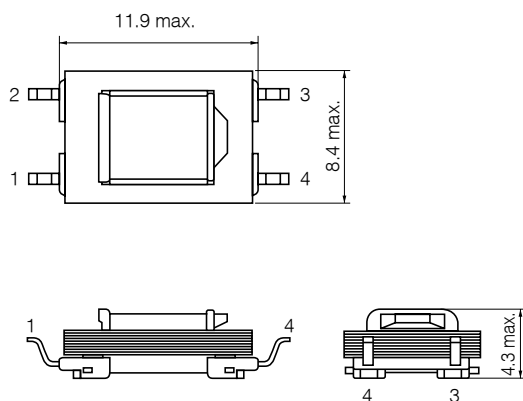
13A

■ Performance Specifications, Summary

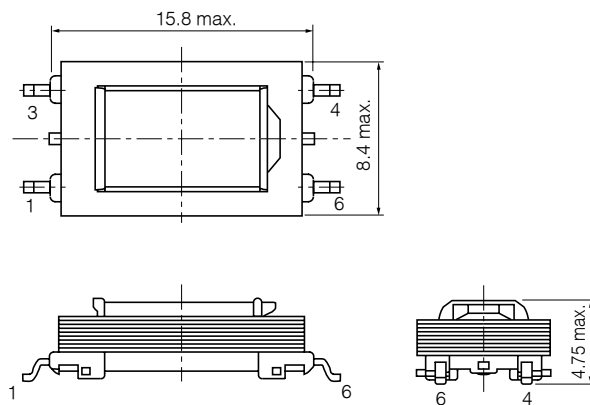
		EJ08A	EJ08C	EJ08D	EJ13A
Modem Speed		33.6 kbps	56 kbps	56 kbps	56 kbps
Sec. Impedance (Pri.:600 Ω)		301 Ω	280 Ω	290 Ω	170 Ω
DCR	Pri.	152 Ω	188 Ω	160 Ω	214 Ω
	Sec.	138 Ω	170 Ω	152 Ω	200 Ω
Winding Ratio		1 : 1	1 : 1	1 : 1	1 : 1
Dielectric Withstanding Volt.(Pri.-Sec.)		AC 1500 V, 1 min	AC 1500 V, 1 min	AC 1500 V, 1 min	AC 1500 V, 1 min
Insertion Loss (at 1kHz)		3.3 dB ± 0.25 dB	3.9 dB ± 0.20 dB	3.25 dB ± 0.20 dB	5.6 dB ± 0.20 dB
Return Loss (600 Ω)		25 dB min.	25 dB min.	30 dB min.	25 dB min.
THD (600 Hz, -10 dBm)		- 80 dB max.	- 86 dB max.	- 85 dB max.	- 86 dB max.
Pri. DC Current		0 mA	0 mA	0 mA	0 mA
Safety Standards		UL	UL	UL	UL

■ Dimensions in mm (not to scale)

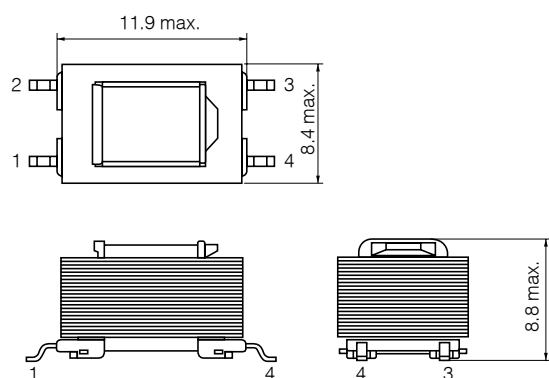
● Type EJ08A



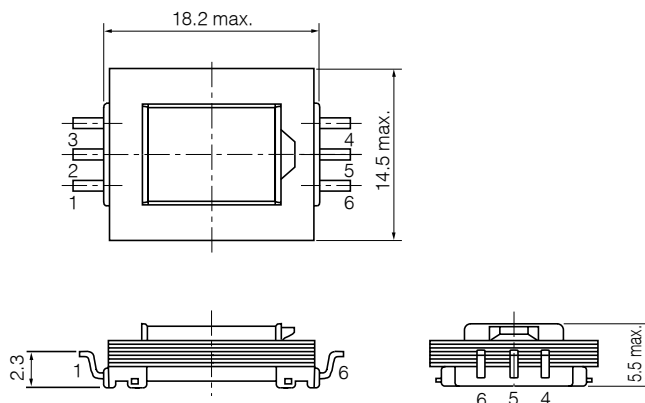
● Type EJ08D



● Type EJ08C



● Type EJ13A



- Packaging Methods
 - Packaging: Embossed carrier taping
 - Standard Packing Quantity

	EJ08A	EJ08C
Min. Quantity/Packing	1000 pcs./reel	500 pcs./reel
Quantity/Shipping Box	2000 pcs.	1000 pcs.

■ Performance Characteristics

- Type EJ08A
- Type EJ08D

