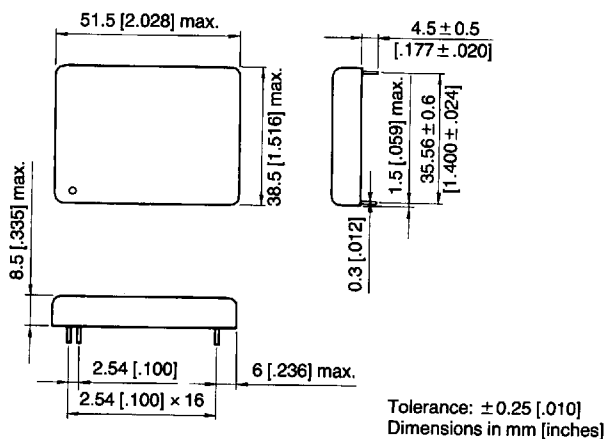
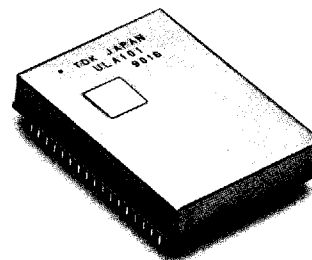


LAN CARRIER BAND MODULES, ULA SERIES [IEEE802.4 (Token bus carrier band)]

TDK's LAN carrier band modem ULA101 is used for interfacing the transmission line in the LAN, especially for FA and CIM, and the terminal equipment. It consists of the modem IC, pulse transformer and peripheral circuit.



OSC OUT	1	34	GND
X2 IN	2	33	FSK
FRAMING	3	32	GND
TXSYM0	4	31	GND
TXSYM1	5	30	GND
TXSYM2	6	29	GND
SMREQ	7	28	NC
RTCLK	8	27	NC
TXCLK	9	26	NC
CLK20	10	25	NC
Vcc	11	24	MODSEL
Vcc	12	23	GND
RXCLK	13	22	GND
SMIND	14	21	GND
RXSYM2	15	20	GND
RXSYM1	16	19	GND
RXSYM0	17	18	GND

Top view

TEMPERATURE RANGE

	(°C) [°F]
Operating	0 to 70 [0 to 158]
Storage	-20 to +80 [-4 to +176]

Part No.	Rated Input voltage Vcc (Vdc)	Input voltage range Vcc (Vdc)	Weight (g) max.
ULA101	5	4.75 to 5.25	27

BLOCK DIAGRAM

