

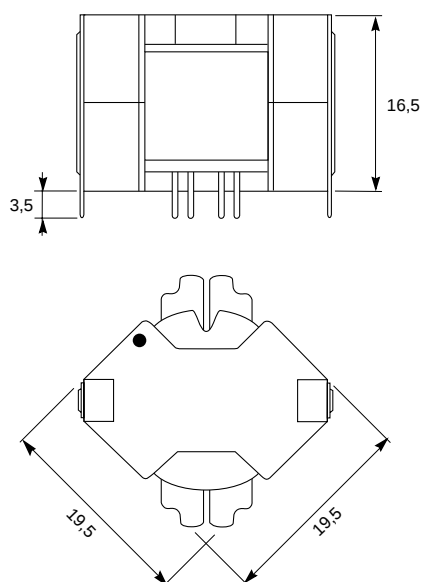


TU 2091 ISDN transformers



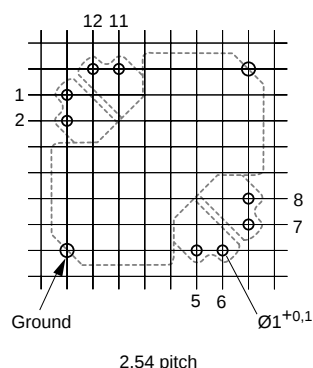
Ferrite RM style has a compact profile and allows automated production at low cost.

Transformers TU2091 series are used for ISDN transmission 2 wires up to 10 km according to 4B3T and 2B1Q regulation.

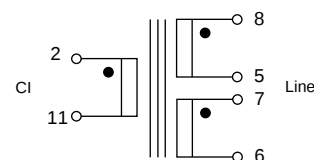


Dimensions in mm

CONFIGURATION
(Top view)



ELECTRICAL DIAGRAM



SPECIFICATIONS

MECHANICAL

FERRITE ... RM8 - 8 pins
CONFIGURATION ... 2,54 mm pitch
UNIT WEIGHT ... 20 g

CLIMATIC

TEMPERATURE LIMITS ... -20°C +85°C

ELECTRICAL

INDUCTANCE (2 - 11) ... 14,5 mH $\pm 10\%$
at 10 kHz 100 mV

INPUT / OUTPUT RATIO ... 8 - 5 : 0,8
2 - 11 : 1
7 - 6 : 0,8

LEAKAGE INDUCTANCE ... < 90 μ H
at 100 kHz 100 mV

DC CURRENT ... 60 mA max.
MAXIMUM RESISTANCE / WINDING... 8 - 5 : 1,35 Ω
2 - 11 : 2,38 Ω
7 - 6 : 1,35 Ω

COUPLING CAPACITANCE ... 100 pF max. at 10 kHz
DIELECTRIC STRENGTH ... 1500 V 50 Hz

MARKING

Printed in clear: manufacturer, series, manufacturing date (code), pin 1.

PACKING

50 pieces in a sectioned box.

ORDERING PROCEDURE



IC COMPATIBILITY

SIEMENS reference IECQ PEB 2091
AMD reference AMD 2091



VISHAY S.A.
Division Aztronic
Z.I. de Bellitourne
B.P. 353

F 53203 Château-Gontier Cedex
Tel. : (33) 02 43 09 51 10
Fax. : (33) 02 43 07 36 43