

Construction

- Two S₀ interface transformers (transmitter/receiver) in one case
- Additional quad chokes

Application

- NT, peripheral devices (telephone, fax, modems)
- For all leading semiconductor manufacturers (refer to reference list)

Features

- Low space due to compact construction
- Low logistic effort
- Simple and fast assembly

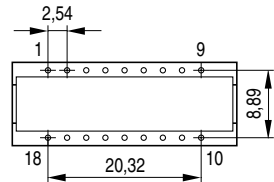
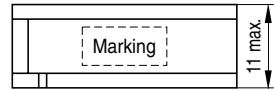
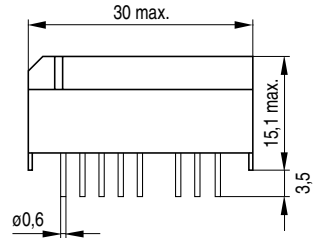
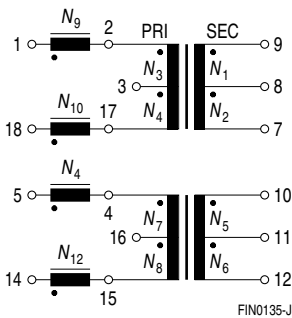
Marking

- Manufacturer, middle block of ordering code, date code

Packing

- Stick magazine
- Packing unit: 2006 pcs.

Pinning



FIN0132-L

ISDN Transformers	B78475P1561A002
S ₀ Interface Modules	... B78475P1563A002

Technical data (electrical specifications at 25 °C)
(electrical specifications at 25 °C)

Ordering code		B78475P1561A002	B78475P1562A002	B78475P1563A002
Turn ratio ($\pm 1\%$)	N3:N4:N1:N2 N7:N8:N5:N6 N9:N10:N11:N12	1 : 1 : 2,5 : 2,5 1 : 1 : 2,5 : 2,5 1 : 1 : 1 : 1	1 : 1 : 2 : 2 1 : 1 : 2 : 2 1 : 1 : 1 : 1	1 : 1 : 1 : 1 1 : 1 : 1 : 1 1 : 1 : 1 : 1
L_H (min.)	mH	30	30	30
Choke L (min.)	mH	5,0	5,0	5,0
L_S (max.)	μ H	5,0	5,0	5,0
Choke L_S (max.)	μ H	0,5	0,6	0,6
C_K (max.)	pF	150	150	150
$R_{DC (Line)}$ (typ.)	Ω	1,6	1,4	1,6
$R_{DC (IC)}$ (typ.)	Ω	6,0	4,6	1,6
R_{DC} (max.)	Ω	1,1	1,1	1,1
ΔI_{DC} (typ.)	mA	5,0	5,0	5,0
HIPOT	V_{rms}	1500	2000	1500
Operating temperature range	°C	0 to 70		

ISDN Transformers

IC Reference List

IC reference list

The ISDN interface transformers from EPCOS are matched to semiconductors from various producers. Different versions – electrically and mechanically – are available.

S₀ interface modules

IC manufacturer	IC part number (ordering code)	EPCOS ordering code	Page
Alcatel Microelectronics	MTC 2072, 20276	B78475P1560A002	16
	MTC 20279, 20172, 20277, 20278	B78475P1562A002	18
AMD	AM 79C30A	B78475P1560A002	16
	AM 79C32A	B78475P1562A002	18
		B78475P1565A002	20
Cologne Chip Des.	HFC-S2BDS0	B78475P1560A002	16
		B78475P1562A002	18
Infineon	PEB/PSB 21150, 21381/2, 21383/4, 2154, 3081, 3086, 3186	B78475P1563A002	18
	PEB/PSB 2080, 2081, 2084, 2085, 2086, 2115, 2186, 8090, 8091, 8191	B78475P1560A002	16
		B78475P1562A002	18
		B78475P1565A002	20
Intel	29C53AA	B78475P1561A002	18
		B78475P1564A002	20
Lucent	T 7234, 7250, 7252, 7256, 7259, 9000	B78475P1561A002	18
		B78475P1564A002	20
Mietec	MTC-2072	B78475P1560A002	16
		B78475P1562A002	18
		B78475P1565A002	20
Mitel	MT 8930, MT 8931	B78475P1560A002	16
		B78475P1562A002	18
		B78475P1565A002	20
Motorola	MC 145574, 145576	B78475P1561A002	18
		B78475P1564A002	20
National Semiconductor	TP 3420, 3421	B78475P1560A002	16
		B78475P1562A002	18
		B78475P1565A002	20
STM	ST 5420, 5421	B78475P1560A002	16
		B78475P1562A002	18
		B78475P1565A002	20
VLSI	VN S8000	B78475P1560A002	16
		B78475P1562A002	18

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