

CEPT/T1

Input/Output Transformer

TEW5721

TEW5721 is designed to be used as an Input Transformer in the ISDN primary rate access network with the following devices:

- Dallas DS2187
- AT&T T 7290
- PMC/Sierra PM4341 T1X & PM6341 E1

TEW5721-1 is designed to be used as an Output Transformer for:

- Brooktree BT8069B
- Level One LXT310, 318, 360
- Mitel MT9075

TEW5721-2 is designed to be used as an Input Transformer for:

- Brooktree BT8069B
- Level One LXT310, 318, 360
- Dallas DS2151Q, DS2153Q
- Mitel MT9075

TEW5721-3 is designed to be used as an Input and Output Transformer for:

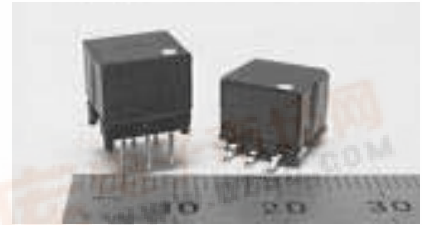
- Siemens PEB2254

TEW5721-4 is designed for:

- PMC-Sierra PM4351

TEW5721-5 is designed to be used as input transformer requiring turns ratios 1 : 2 or 1 : 1

TEW5721-6 is designed to be used as input transformer requiring turns ratios 1 : 3



Features

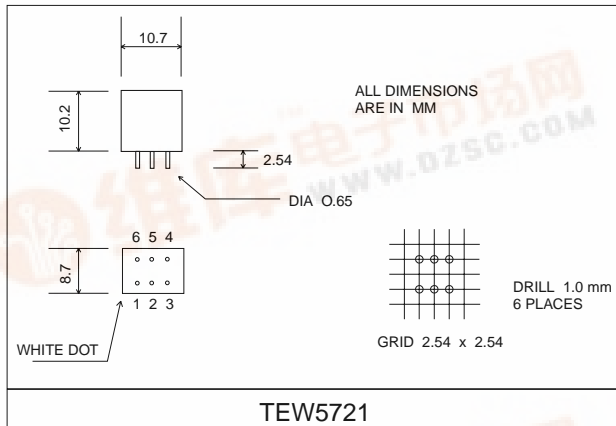
- Low cost.
- Through Hole and SMD.

For SMD version:

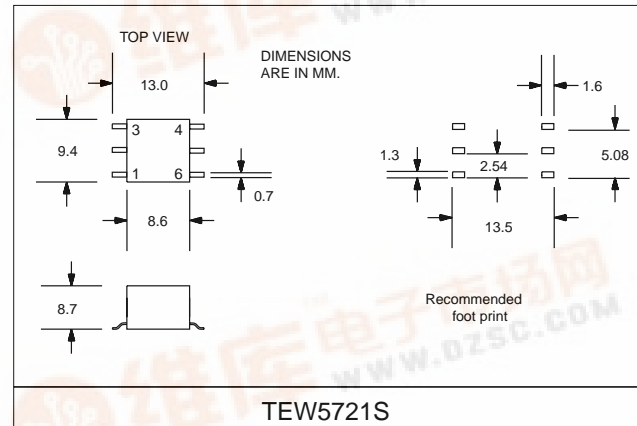
Add letter 'S' after part number.

E.g. TEW5721S-4.TDM Multiplexers.

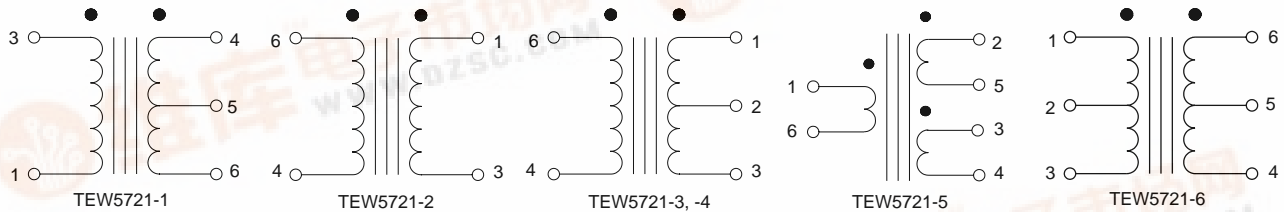
MECHANICAL



TEW5721



TEW5721S



ELECTRICAL SPECIFICATION		TEW5721	-1	-2	-3	-4	-5	-6
Line Impedance	Ohms	75, 100 & 120	75, 100 & 120	75, 100 & 120	75, 100 & 120	100, 120	75, 100 & 120	100
Turns Ratio	pri. to sec.	1 : 2 ct	1 : 2ct	1 : 1	1 : 1.41ct	1 : 2.41ct	1 : 1 : 1	1 ct : 3ct
Primary pin number		(4 - 6)	(4 - 6)	(4 - 6)	(4 - 6)	(4 - 6)	(1 - 6)	(1 - 3)
Primary Ind.	mH	> 1.8	> 1.2	> 1.2	> 2.8	> 1.3	> 1.2	> 1.8
Longitudinal Bal.		as per T1.408 & I.431						
Return Loss		as per T1.408 & G.703						
Dielectric Strength	V rms	1500	1500	1500	1500	1500	1500	1500

5721.CHP

99/08/24

ISSUE: J