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CEPT/T1 — Input/Output Transformer — 5721

5721 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

5721-1 is designed to be used as an Output Transformer for:

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

5721-2 is designed to be used as an Input Transformer for:

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

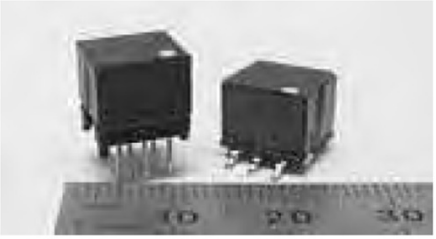
5721-3 is designed to be used as an Input and Output Transformer for:

- Siemens PEB2254

5721-4 is designed for:

- PMC-Sierra PM4351

5721-5 is designed to be used as input transformer requiring turns ratios 1 : 2 or 1 : 1

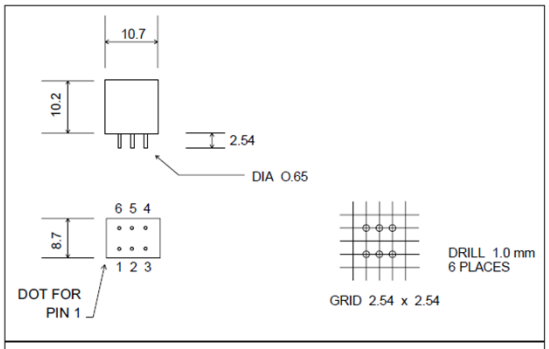


Features

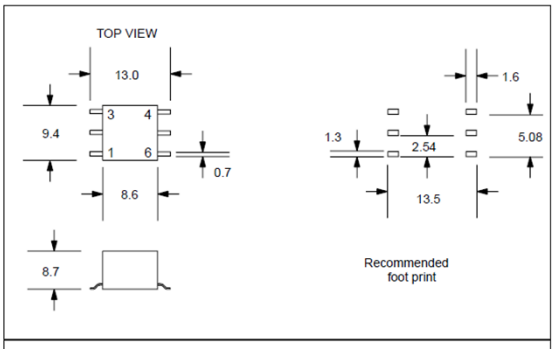
- Low cost.
- Through Hole and SMD.

Part numbering note:
a) Filtran parts are now identified WITHOUT the "TEW" prefix.
Therefore Filtran 5721 = TEW5721.
b) RoHS compliant parts may be ordered by adding a "-NL" suffix (for example, 5721-2-NL, 5721S-NL).
Please check with Filtran customer service for availability.
c) SMD parts are ordered with as "5721S-x", where x is the dash number.

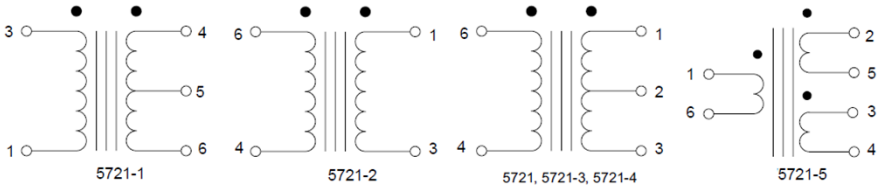
MECHANICAL — DIMENSIONS IN MM ; ALL DIMENSIONS NOMINAL



5721



5721S



ELECTRICAL SPECIFICATION		5721	-1	-2	-3	-4	-5
Line Impedance	Ohms	75, 100 & 120	75, 100 & 120	75, 100 & 120	75, 100 & 120	100,120	75, 100 & 120
Turns Ratio	(4 - 6) : (3 - 1)	1:2CT	2CT : 1	1 : 1	1:1.41CT	1:2.41CT	1:1:1 ((1-6):(2-5):(3-4))
Primary pins		(4 - 6)	(4 - 6)	(4 - 6)	(4 - 6)	(4 - 6)	(1 - 6)
Primary Ind.	mH	> 1.8	> 1.2	> 1.2	> 2.8	> 1.3	> 1.2
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