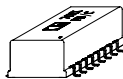


# ISDN S-BUS INPUT/OUTPUT TRANSFORMERS 7117-7121



Units matched to leading transceivers IC's.

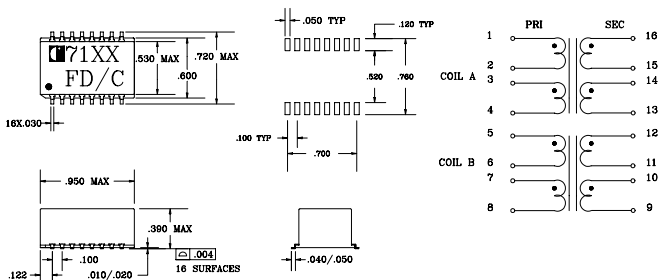
IC MFG.	FILTRAN P/N	IC MFG.	FILTRAN P/N
<b>AMD</b> AM79C30A/79C32A	7121	<b>NATIONAL</b> TP3420/3421	7119
<b>AT&amp;T/LUCENT</b> T7250/7256/7259 T7903	7120 7119	<b>SGS THOMSON</b> ST5420/5421	7119
<b>MIETEC</b> MTC-2072	7119	<b>SIEMENS</b> PEB 2080/2081/2085 PSB 2186 PEB 2084/2086	7119 7119 7119
<b>MITEL</b> MT8930	7119	<b>YAMAHA</b> 7405B	7119
<b>MOTOROLA</b> MC145474/145475 MC145574	7118 7120		



## MECHANICAL AND SCHEMATIC (All dimensions in millimetres)

### SUGGESTED PAD LAYOUT

### SCHEMATIC



## ELECTRICAL SPECIFICATION @ 25°C

Part Number	Turns Ratio (±2%)		L Pri (mH MIN)	L <sub>1</sub> Sec (µH MAX)		C <sub>WV</sub> (pF MAX)	CD Pri (pF MAX)		DCR Pri (Ω±25%)		DCR Sec (Ω±25%)	
	A	B		A	B		A	B	A	B	A	B
7117	1:1	1:2	22	5	15	100	42	80	2.4	2.3	2.4	4.0
7118	1:1	1:1	22	5	5	100	42	42	2.4	2.4	2.4	2.4
7119	1:2	1:2	22	15	15	100	80	80	2.5	2.5	4.3	4.3
7120	1:2.5	1:2.5	22	8-40	8-40	100	110	110	2.5	2.5	5.8	5.8
7121	1:2	1:2	22	11	11	100	180	180	2.4	2.4	4.4	4.4

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