

TAMURA EMI/RFI LINE FILTERS

Featuring Wire, Tab, Pin & Screw Terminal Type Connectors

UL

File No. E92559



CSA

File No. LR65763



VDE

File Nos. 7969-4730-1001,
-1002, -1003



FEATURES

- Rated Voltage: 250VAC, 50/60 Hz.
- Output Connectors:
 - ANX-L - lead wire
 - ANX-F - fast-on tabs
 - INX - inlet type
 - ONX - pin type
- Leakage Current: $\leq 0.5\text{ma}$.
- Insulation Resistance: 6,000 M Ω min., line-gnd, 250VDC.
- Direct Current Resistance (DCR):
 - Spec'd per line, input to output.
- Dielectric Voltage: 2.0kVAC, 1 minute (line gnd);
INX, X-S, ONX-C,D, 1.5kVAC.
- Temperature Rise: $\leq 30^\circ\text{C}$.
- Operating Temp: -25°C to $+85^\circ\text{C}$.
- UL File No: E92559.
- CSA File No: LR65763.
- VDE File No:
 - INX, ANX-L, F, ONX; 7969-4730-1001.
 - INX-S; 7969-4730-1003.
 - ONX-C, D; 7969-4730-1002.

EMI/RFI LINE FILTERS RATING TABLE

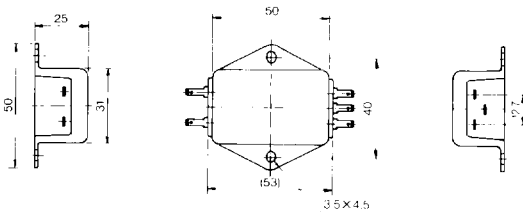
MODEL NO.	AMPS	DCR (Ω)	ATTENUATION ¹		PRICE (qty)		
			NORMAL MODE	COMMON MODE	1-9	10-24	25-99
ANX-1L, F ²	1	0.5	25dB, 0.5-20MHz.	20dB, 0.1-10MHz.	\$9.80	\$8.80	\$8.30
ANX-3L, F	3	0.15	25dB, 0.7-20MHz.	20dB, 0.2-10MHz.	9.80	8.80	8.30
ANX-6L	6	0.07	25dB, 1.0-20MHz.	20dB, 0.5-10MHz.	9.80	8.80	8.30
ANX-6F	6	0.05	25dB, 1.0-20MHz.	20dB, 0.5-10MHz.	9.80	8.80	8.30
INX-1	1	0.5	20dB, 1.0-20MHz.	20dB, 0.2-20MHz.	11.30	10.20	9.60
INX-3	3	0.2	20dB, 2.0-20MHz.	20dB, 0.3-20MHz.	11.30	10.20	9.60
INX-6	6	0.15	20dB, 3.0-20MHz.	20dB, 2.0-20MHz.	11.30	10.20	9.60
INX-05S	0.5	0.15	20dB, 2.0-30MHz.	20dB, 0.1-30MHz.	12.50	11.30	10.60
INX-1S	1	0.1	20dB, 3.0-30MHz.	20dB, 0.2-30MHz.	12.50	11.30	10.60
INX-3S	3	0.02	20dB, 6.0-30MHz.	20dB, 3.0-30MHz.	12.50	11.30	10.60
INX-6S	6	0.007	20dB, 8.0-30MHz.	20dB, 7.0-30MHz.	12.50	11.30	10.60
INX-10S	10	0.005	20dB, 9.0-30MHz.	20dB, 8.0-30MHz.	13.10	11.80	11.10
ONX-1	1	0.5	25dB, 0.3-20MHz.	20dB, 0.1-20MHz.	9.40	8.50	8.00
ONX-2	2	0.2	25dB, 0.4-20MHz.	20dB, 0.2-20MHz.	9.40	8.50	8.00
ONX-3	3	0.15	25dB, 0.5-20MHz.	20dB, 0.3-20MHz.	9.40	8.50	8.00
ONX-05C, D ³	0.5	1.5	20dB, 0.3-30MHz.	25dB, 0.1-30MHz.	8.00	7.20	6.80
ONX-1C, D	1	0.4	20dB, 0.5-30MHz.	25dB, 0.1-30MHz.	8.00	7.20	6.80
ONX-2C, D	2	0.1	20dB, 1.0-30MHz.	25dB, 0.4-30MHz.	8.00	7.20	6.80
ONX-3C, D	3	0.05	20dB, 1.5-30MHz.	25dB, 2.0-30MHz.	8.00	7.20	6.80
ONX-5C, D	5	0.02	20dB, 2.0-30MHz.	25dB, 4.0-30MHz.	8.00	7.20	6.80

NOTE 1: Contact Tamura, Carson for static and dynamic attenuation characteristic curves.

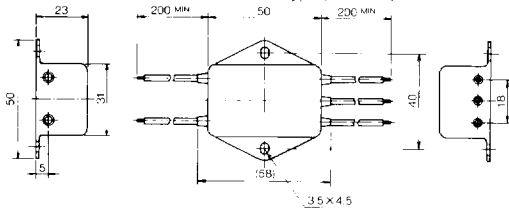
NOTE 2: "L" or "F" suffix denotes lead wire or fast-on tab terminals, respectively... example: ANX-1L, ANX-1F.

NOTE 3: "C" or "D" suffix designates different models (example: ONX-1C, ONX-1D). "C" suffix has lower conducted emission under 3MHz while "D" suffix exhibits a flatter response above 10MHz. See note 1.

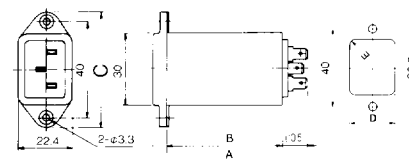
ANX-F Series: Fast-on Tab Terminal Type (dim. mm)



ANX-L Series: Lead Wire Terminal Type (dim. mm)



INX Series: Inlet Type (dim. mm, typical)



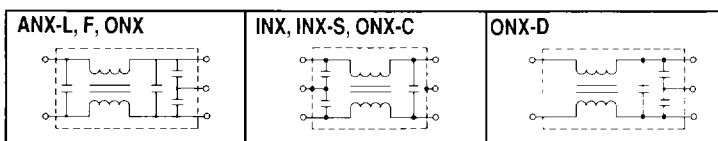
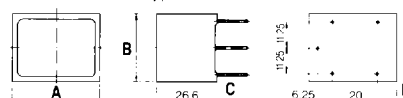
INX SERIES DIMENSIONS

SERIES PREFIX	A	B	C	D connector front/back	E connector front/back
INX	64.7±1	48	50	21.8 / 23.2	r=4 / r=5.5
INX-S	51.7±1	35	48	21.8 / 23.2	r=4 / r=5.5

ONX SERIES DIMENSIONS

SERIES PREFIX	A	B	C	D
ONX	38.5	29.5	≥15	8.3
ONX-C, D	41.4	28.7	≥4.2	9.5

ONX Series: Pin Type (dim. mm)



CONTACT TAMURA for DETAILED DATA SHEETS. FAX: 909/676/9482 or CALL: (909) 699-1270