

FE 80X2 Series

2 wires Line Common Mode Chokes

Selbs de Mode Commun de ligne 2 fils

Key Features Caractéristiques

Wide range of inductance values
Gamme de valeurs de selbs étendue

500 Vrms Isolation standard
Isolation standard 500 Vrms

High insertion loss over a wide frequency range
Fortes caractéristiques d'atténuation dans une large gamme de fréquences

Low Cost & Compact design
Version compacte et économique

ISDN Interface common mode choke FE 8002 is a 2-fold current compensated choke for two wire S-Interface used to link ISDN terminals.
The FE 8002 ISDN interface common mode choke is a specially developed device to offer maximum insertion loss on ISDN telephone line for EMI/RFI suppression purposes.

La self de mode commun FE 8002 est une self double dédiée aux applications RNIS sur paire torsadée.

La self de mode commun FE 8002 a été spécialement conçue pour atténuer les perturbations EMI/RFI sur les lignes téléphoniques RNIS.

Electrical Specifications at 25°C

Part No <i>Référence</i>	L mH	I mA	DCR Ω max	Hipot <i>Diélectrique</i>	Sche- matic
FE 8002-1X	2 x 1.7	150	0.25	500 Vrms	A
FE 8002-3X	2 x 3.6	150	0.5	500 Vrms	A
FE 8022-42	2 x 4.7	150	0.9	500 Vrms	B
FE 8002-2X	2 x 8.0	150	0.5	500 Vrms	A
FE 8002-12X	2 x 12.5	150	1.5	500 Vrms	A
FE 8002-30X	2 x 28	150	1.0	500 Vrms	A
FE 8012-302F	2 x 28	300	1.5	500 Vrms	C
FE 8002-50X	2 x 50	150	1.3	500 Vrms	A
FE 8002-70X	2 x 70	150	2.1	500 Vrms	A
FE 8012-702F	2 x 70	300	3.1	500 Vrms	C
FE 8002-90X	2 x 90	150	2.5	500 Vrms	A

Notes:
L - Inductance : (-30% / +50%)
measured at 10 KHz and 0.1 Vrms
I - Nominal current per winding at 50 Hz

Notes :
L - Inductance : (-30% / +50%)
mesurée à 10 KHz et 0.1 Vrms
I - Courant nominal par enroulement à 50 Hz

Part Numbering System Codification

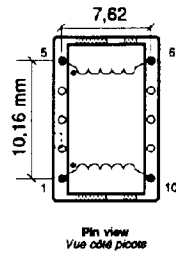
Ex. FEE 8002-2X

LStyle
2 = Vertical
3 = Horizontal

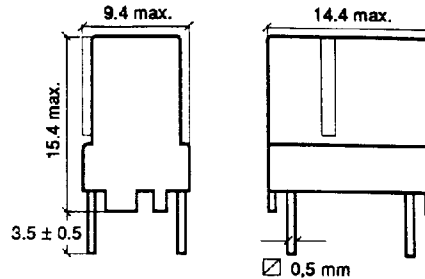
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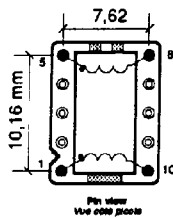
Schematic A



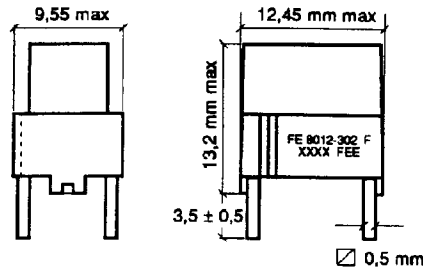
Style 2 Vertical Mounting
Montage Vertical



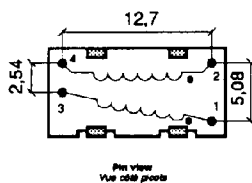
Schematic C



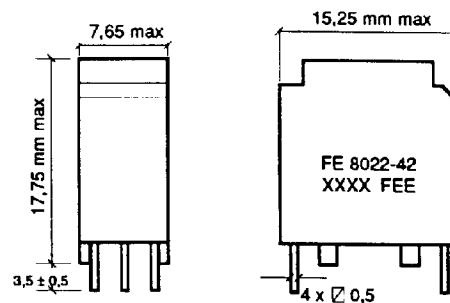
Style 2 Vertical - FE 8012
Vertical - FE 8012



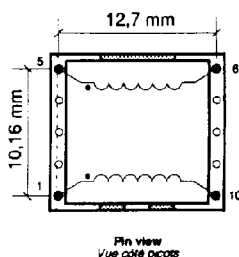
Schematic B



Style 2 Vertical - FE 8022
Vertical - FE 8022



Schematic A



Style 3 Horizontal Mounting
Montage Horizontal

