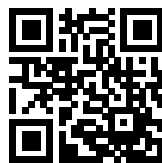


High Performance Two-stage PCB-mounting EMC Filter



- RXqpb7arackqp7ijy 827637A
- Hfeé7XqkrXqflk7q l #pxec7bcpfek
- PCB#jlrkq XZic7bcpfek



PcobjXka c7fkbfaxlp

Attenuation performance



Rated current [A]



AmntisXip77QjmifXka cp



Téc7FN7zy7PCB7dfo7fp7X7pfk#mèXpc97q#pxec
dfico7bcpfekcb7q7xpv7XkbXq7PCB#jlrkqfke8
Céllpfke7qéc7FN7zy7m1bra q7ifkc7Zcep7lr7qéc
Xmfb7XfiXZfity7ld7X7XqXdb7éfeé7mcdjXka c
dfico7Xpp18qpb7tfqé7qéc7kappXp7pXdy
XaacmXkac879XkbXdb7PCB7pfke#mèXpc7dfp7Xc7X
mXaqfaXi7plirqflk7écimfke7q7l7nXpp7EMI7paj
XmntisXi7fk7X7pét7qfjc87A7pcqflk7lk7XjmcoXec
Xqfkep7X7bcpfekcb7q7ldto7lr7qéc7bcpfob
pXkbXdb7m1bra c8

Features and Benefits

- Vcov7ellb7alkbra qpb7XqkrXqflk7mcdjXka c9
ZXpcb7lk7elh cp7tfqé7éfeé7pXqXqflk7apfpXkac
Xkb7uaciickq7qégXi7ZcéX sfl0
- Tt l #pxec7pfkeid#mèXpc7bcpfek
- PCB7qéé7élic7jlrkqfke
- Crpqj7pmca fdafa7zppflkp7lk7anrcpq

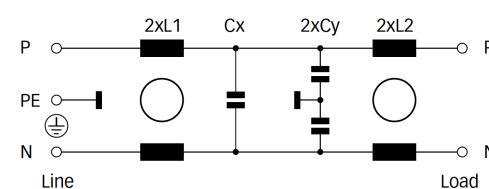
Technical Specifications

Maximum continuous operating voltage	250 VAC, 50/60 Hz
Nominal operating voltage	230 VAC
Rated currents	0.5 to 6 A @ 40°C
Operating frequency	DC to 400 Hz
High potential test voltage	P → PE 2000 VAC for 2 sec P → N 760 VAC for 2 sec
Temperature range (operation and storage)	-25°C to +100°C (25/100/21)
Flammability corresponding to	UL 94 V-0
Design corresponding to	UL 1283, CSA 22.2 No. 8 1986, IEC/EN 60939
MTBF (Mil-HB-217F)	>675,000 h @ 40°C/230 V

Typical Applications

- EicaqfaXi7Xkb7cica7kfa7cnrfmjckq
- SjXii7q17jcbfrj#pww cb7jXa éfkcp7Xkb7élrpcélib
cnrfmjckq
- Sfkeic#mèXpc7nto7prmmifcp7pé7pé#j1bc7ml t co
prmmifcp
- Tcpq7Xkb7jcxprajckq7cnrfmjckq

TvmfaXi7cica7faXi7pécjXqfa

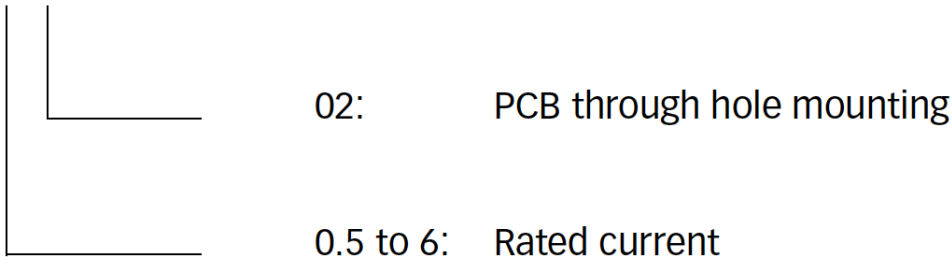


Filter Selection Table

Filter*	Rated current @ 40°C (25°C)	Leakage current* @ 230 VAC/50 Hz	Inductance**		Capacitance**		Resistance** R	Input/Output connections	Weight
			L1	L2	Cx	Cy			
	[A]	[µA]	[mH]	[mH]	[nF]	[nF]	[kΩ]		[g]
FN 410-0.5-02	0.5 (0.6)	373	24	24	33	2.2		-02	85
FN 410-1-02	1 (1.2)	373	10	10	33	2.2		-02	85
FN 410-3-02	3 (3.6)	373	2	2	33	2.2		-02	85
FN 410-6-02	6 (6.9)	373	0.8	0.8	33	2.2		-02	85

:7MXufjrj7ic XhXec7rkbc07klqXi7lmc0Xqfke7kbf qflkp87Nlc7fd7qéc7kcX7ifkc7fp7fco7rmqb97to pq7aXpc7Xec7arib7ocXae7qfa c7qéfp7sci8
 :7TlcoXkacp7Xm7l7kbracXkac.70y*2y%97XnXaf0Xkac.71y%97Rcp7kac.7zy%

FN 410-yy-..



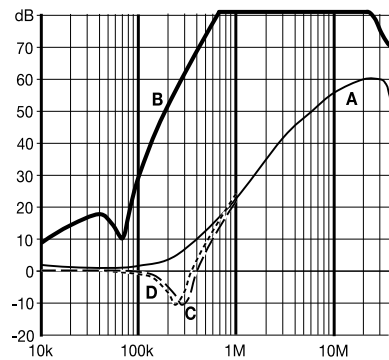
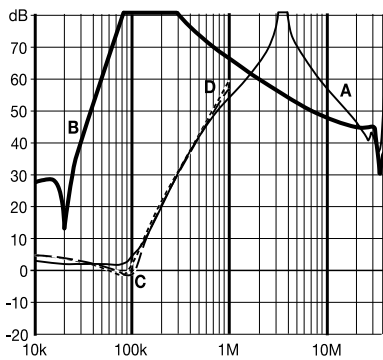
Flo7aXjmic.7FN71zy#y82#09FN7y#B#yΩ

Typical Filter Attenuation

Pco7CISR7z7A=2y7x*2y7x7pvj,7B=2y7x*2y7x7Xpvj,7C=y27x*zyy7x7pvj,7D=zyy7x*y27x7pvj

y827Xkb7z7A7qcp

07Xkb737A7qcp



Mechanical Data



Aii7bfjckpflkp7fk7jj,7z7fka é7=7Ω27g
 TlicoXkacp7Xalobfke.7ISO7435#j*EN7Ω435#j

PicXpc7sfot t t 8péXdkca@lj__d7dfkb7jlo c7bcXfip7lk7dfio7#kca d0p8

Headquarters, Global Innovation and Development

Switzerland

Schaffner Group

Ikbrpqđc7Nldb
Nlobpqđppc72
1 21 Ω
LrqcoZxaé
+1 z70735z7337Ω
fkdpapax@schaffner.com

Sales and Application Centers

China

Schaffner EMC Ltd. Shanghai

Ty#07C7NI72327CérXkæc7RlXb7Prblke
bfpqđaq
QyzQz
SéXkeéXf
+537Ωz05z062yy
apæfkX-paéXdkk@lj

Sweden

Schaffner EMC AB

ÖpqjXijpqo loe7z
zz171Ω
Sda hélij
+137572y2y70Ω2
ptcbckpXicp-paéXdkk@lj

Switzerland

Schaffner EMV AG

Ikbrpqđc7Nldb
Nlobpqđppc72
1 21 Ω
LrqcoZxaé
+1 z70735z7337Ω
ptf qwdXkbpXicp-paéXdkk@lj

India

Schaffner India Pvt. Ltd

Rcerp7Wmoib7Xbc7Ckqæ
WTC7Ωknb7Fillo7Uk7NI7ΩΩ0570bc
GXqt Xv7Qjmrp7ΩB*z7D87RghjXo7RI Xb
MXiicpét Xđj7/W (23yy2 2
BXkeXiloc
+6z75y34602022
fkbfXpXicp-paéXdkk@lj

Italy

Schaffner EMC S.r.l.

VfX7Tfkl 970y
Qy6yy
Mlkwx7/MB(23yy2 2
+067027z971170Ω
fxivpXicp-paéXdkk@lj

Japan

Schaffner EMC K.K.

ISM7SXkeckgXX74F
z#07z07XjfrjX7Scq XeXvX#m
z21 #yzz
Tlh vl
+5z707z07032y
gxikpXicp-paéXdkk@lj

Singapore

Schaffner EMC Pte Ltd.

Bih70yz2A7UZf7Xb7z7y2#67Kjmlke7UZf
Ikbrpqđxi7pqđq
ly54 y2
SfkeXmlæ
+32730440Ω50
pfkeXml@pXicp-paéXdkk@lj

Finland

Schaffner Oy

LlégXkéXogrKqfc7zzy6
y52yy
LlégX
+70572y713574Ω751
dfkiXkbpXicp-paéXdkk@lj

France

Schaffner EMC S.A.S.

z3#y7Rrc7Urfp7RXjc Xr
62542
Bcwlkp
+007z70170170y73y
dxkacpXicp-paéXdkk@lj

Germany

Schaffner Deutschland GmbH

Oéflpqđ75
43z1 6
KXáporéc
+1 674Ωz7236zy
ecqjXk_vpXicp-paéXdkk@lj

Thailand

Schaffner EMC Co. Ltd.

SXqéldk7SnrXæ7T t co
Rllj70 45y704FL7657NIqé#SXqéldk7Rb7Sfilj
BXkeoXh
zy2yy
BXkehlh
+3373Ωzy2306
qéXfiXkbpXicp-paéXdkk@lj

United Kingdom

Schaffner Ltd.

Srf q7z70Xjbbc7PiXa c
TcoXac7RlXb
RG1 Ω71JF
Bfkdfcib
+117zz5764yy 4y
paéXdkk@h pXicp- q@lj

United States

Schaffner EMC Inc.

2Ω7Mxdfcib7æckrc
Ebfplk97Nt7Jcopv
+z70Ω7ΩΩ2062
rpXpXicp-paéXdkk@lj

Tl dfkb vlro ilaXi m Xækco tfqéfk
SaéXdkk@p7eilZi7kca lo h paéXdkk@lj

7ΩyΩ27SéXdkkco7Ωm

Téc alkqckq ld qéfp blarjckq éXp Zcck
aXædriiv aécahcb Xkb rkbcopđlb8
Hl t cscð kcđéco SaéXdkkco klo fj
prZpfbXécp Xpprjc Xk v ifXZfity
téXqplc sco db Xkv cadop lo fkXaaroXafcp
ld qéfp blarjckq Xkb qéc a lkpcnrcka cp
qécæld8 PrZifpécb pmdæfaX#qflkp Xoc
prZgcaj qa éXkec tf qélrq klqfa c8 Pðbra c
prfçZfity do Xkv XæX ld XmmifaXqflk jrpc
ri qfjXqciv Zc bcæqjfkcb Z v qéc
arpdjco 8 lk Xii aXpcp9 lbra qp jrpq
kcsco Zc lmcæqcb lrpqfbc qécfo mrZifpécl
pmdæfaXqflkp8 SaéXdkkco blcp klq
erXoXkæc qéc XsXfiXZfity ld Xii mrZifpéct
mðbra qp8 Téfp bfpðjco péXii Zc
el scðkcb Zv prZpçkqfsc Stfpp iXt Xkb
æpri qfke bfpmæp péXii Zc pcqicb Zv qéc
alro qp Xq qéc miXl Zrpfkcpp ld SaéXdkk@
Hlibfke A G8 LXcpq mrZifaXqflkp Xkb
aljmicq c bfpäXfjco aXk Zc bl tkil X#bck
dij qéc Sa éXdkkco tcZpfp8 Aii qðbcjXo hç
æalekfwcb8