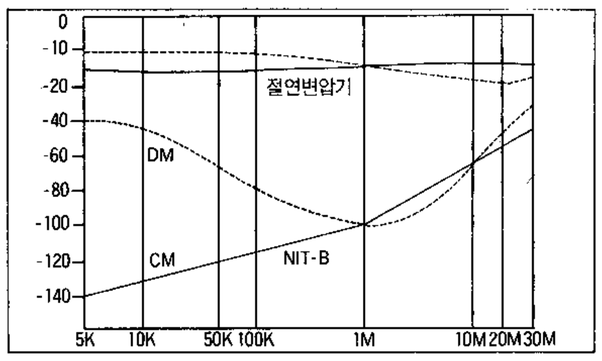
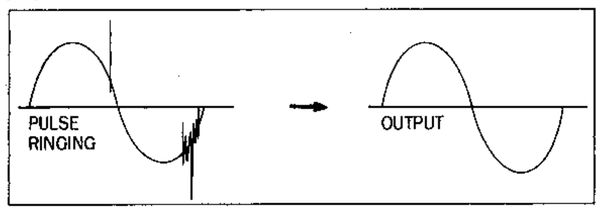
NOISE ISOLATION TRANSFORMER

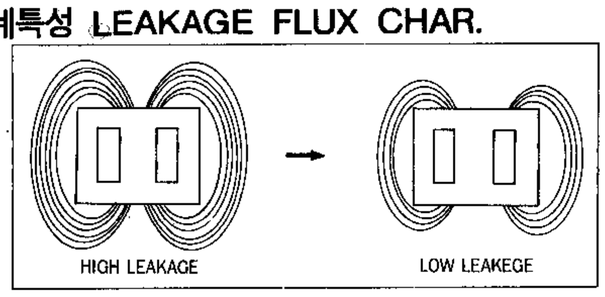
■ 노이즈 감쇄특성(NIT-B) DAMPING CHAR.



■ 펄스감쇄특성 PULSE DAMPING CHAR.



■ 누설자계특성 LEAKAGE FLUX CHAR.



■ 전도성 노이즈는 낙뢰, 스위치 개폐, 과도현상 등에 의한 서어지, 커플링에 의한 고주파, 자기포화 등에 의한 고조파 등의 것으로 전원선을 통하여 전도되므로 부하기기의 오동작 혹은 파손을 초래할 수 있습니다. 혹은 역으로 부하기기가 전도성 노이즈를 방사시키므로 노이즈 원으로 동작하여 주변기기에 큰 피해를 줄 수도 있습니다.

■ NOISE ISOLATION TRANS. (NIT)는 종래의 실드, 절연 변압기와는 달리 EMI 용품으로서 전도성의 각종 전원 노이즈에 가장 효과적으로 사용할 수 있는 제품입니다.

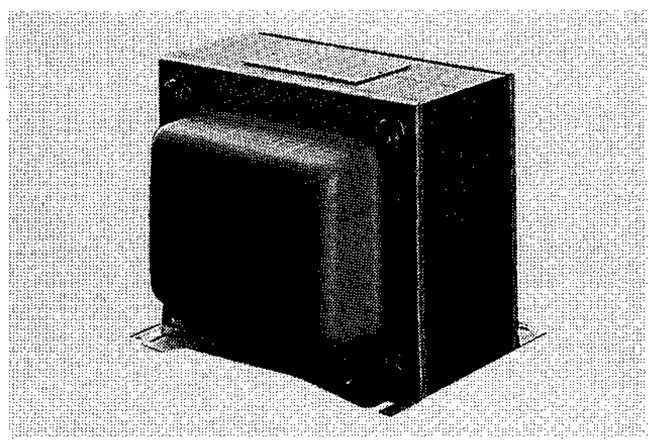
■ NOISE ISOLATION TRANS.(NIT)는 독자적인 기술로 설계 제작되어 기존 제품보다 낮은 누설자계와 전압변동율을 실현했습니다. (특허등록)

■ In general, conductive noises are caused by lightning, switching, transient surge, high harmonics induced from magnetic saturation and high frequency accompanied with coupling etc. These conductive noises spread out through the power line and lead to the malfunction of other load equipment or serious damage.
Sometimes, reversly, conductive noises from any load equipment play the same role and bring bad influnces.

■ NOISE ISOLATION TRANSFORMER(NIT) is a high performance products for EMI and suitable for various power line noise.

■ NIT, designed and manufactured with unique structure to attain extra low leakage flux and voltage regulation compared with others. (PATENTED)

NIT-L / 리드와이어형 *LEAD WIRE TYPE*



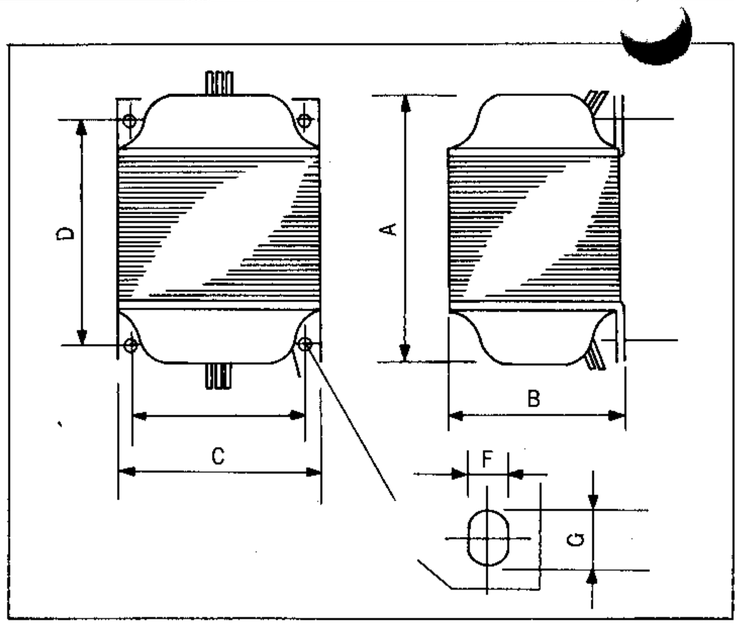
NIT-L

■ COMMON 및 NORMAL MODE NOISE 감쇄수준을 적정화한 경제적 모델

■ 저 누설자계구조로 기기 내장에 적합하며 전압 변동율을 극소화.

■ Economic model with reasonable common and normal mode noise attenuation level.

■ Suitable for mounting inside equipment with low leakage flux and minimized voltage regulation.



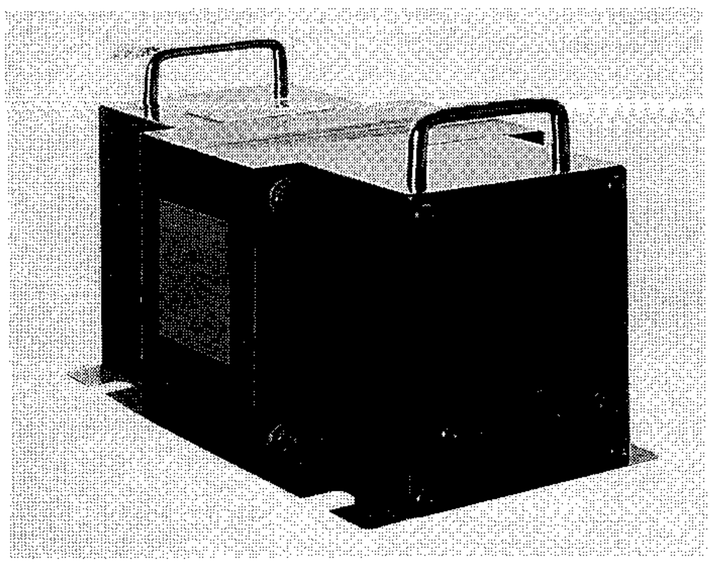
■ RATINGS

RATED VOLTAGE	110/220V(60Hz)
VOLTAGE REGULATION	3~5%
SEPARATE SOURCE VOLTAGE LEVEL	AC 2KV(1 Min)
INSULATION MEGGER	100Mohm(DC 500V)
MATERIAL TEMP. CLASS	CLASS B
NOISE ATT. LEVEL (TF : 10K~30MHZ)	CM : −60 dB Max DM : −40 dB Max

● LEAD LENGTH : 30cm

MODEL	OUTPUT	DIMENSION (mm)							WT.(kg)
		A	B	C	D	E	F	G	
NIT − L 150	150 VA	135	100	107	111	102	5	11	5.0
NIT − L 300	300 VA	135	115	136	111	117	5	12	7.0
NIT − L 500	500 VA	165	115	136	141	117	5	12	11.0

NIT − R / 콘센트형 *AC CORD & RECEPTACLE TYPE*



NIT−R

■ COMMON 및 NORMAL MODE의 고주파 NOISE 전도를 효과적으로 억제하기 위한 MULTI-SHIELD 구조

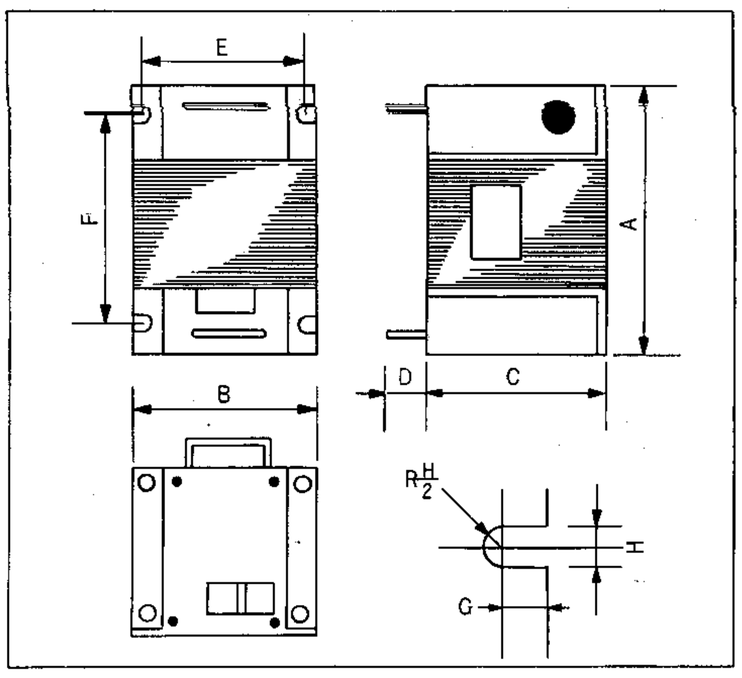
■ 저 누설자계 및 저 전압변동율.

■ 입력측은 플러그, 출력측은 콘센트로써 각종 OA 기기에 편리하게 적용이 가능함.

■ Multi shielded structure for preventing the conductive high frequency common and normal mode noise.

■ Low leakage flux and voltage regulation.

■ Input plug and output receptacle are convenient for various OA equipment.



■ RATINGS

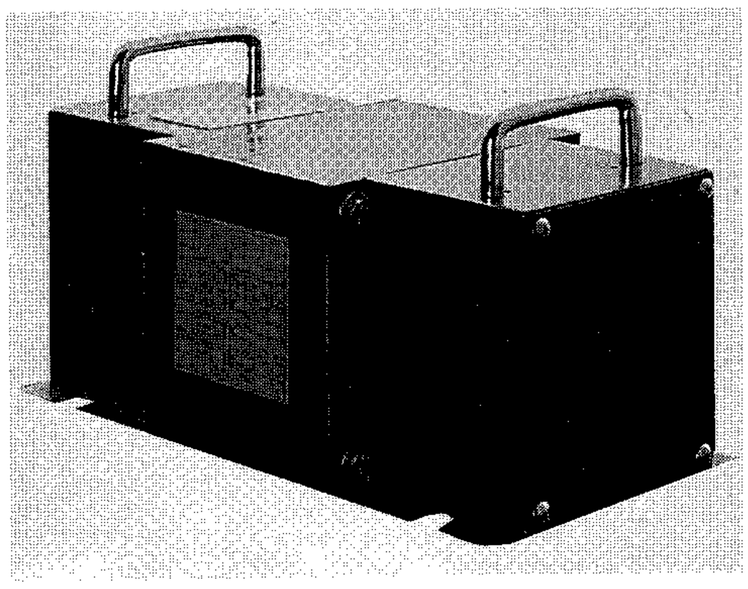
RATED VOLTAGE	110/220V-110V (60Hz)
VOLTAGE REGULATION	3~5%
SEPARATE SOURCE VOLTAGE LEVEL	AC 2KV(1 Min)
INSULATION MEGGER	100Mohm(DC 500V)
MATERIAL TEMP. CLASS	CLASS B
NOISE ATT. LEVEL (TF : 10K~30MHz)	CM : −90 dB Max DM : −60 dB Max

● CORD LENGTH : 1.5m

MODEL	OUTPUT	DIMENSION (mm)								WT.(kg)
		A	B	C	D	E	F	G	H	
NIT − R 300	300 VA	215	133	111	35	113	155	10	8	7.5
NIT − R 500	500 VA	245	133	111	35	113	185	10	8	11.5
NIT − R 750	750 VA	245	152	127	35	132	175	10	12	13.5
NIT − R 1000	1000 VA	260	152	127	35	132	190	10	12	16.0

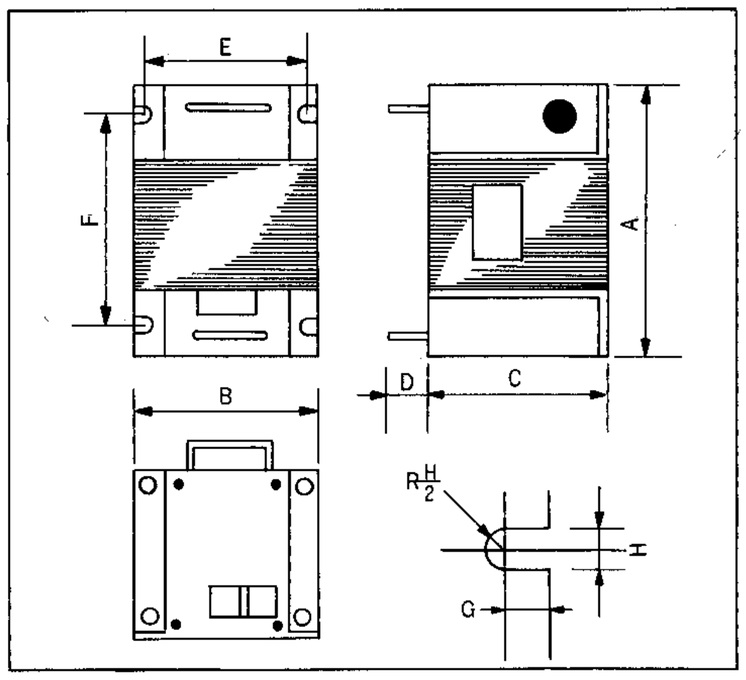
NOISE ISOLATION TRANSFORMER

NIT－2B, 3B / 터미널 블록형 TERMINAL BLOCK TYPE



NIT－2B/3B

- 고주파 NOISE 전도 대책을 위한 MULTI－SHIELD 구조이며 특히 HIGH SURGE IMPEDANCE (2B), LOW SURGE IMPEDANCE (3B) 특성으로 SYSTEM에 따라 선택가능
- 입출력, 공히 110V 혹은 220V 전환사용이 가능한 터미널 블록 구조
- Multi－shielded structure for preventing the conductive noise. Especially for HIGH SURGE IMPEDANCE (2B) and LOW SURGE IMPEDANCE (3B)
- Input and output connection can be changed between 110V and 220V on the terminal block side.

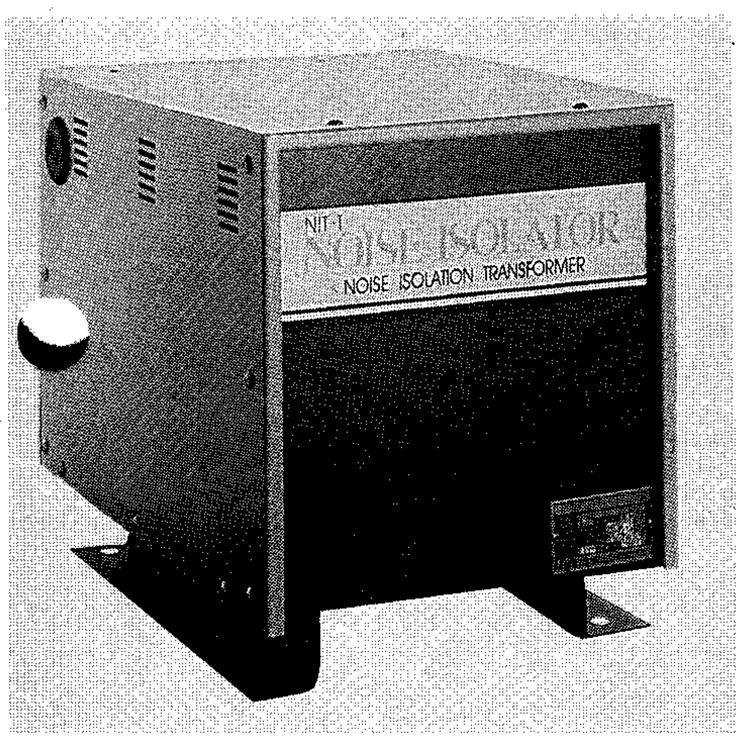


■ RATINGS

RATED VOLTAGE	110/220V(60Hz)
VOLTAGE REGULATION	2B : 4～7% 3B : 3～6%
SEPARATE-SOURCE VOLTAGE LEVEL	AC 2KV(1 Min)
INDUCED OVERVOLTAGE LEVEL	2×RATED VOLTAGE
LIGHTNING IMPULSE LEVEL	2KV (1.2/50μs)
INSULATION MEGGER	100Mohm(DC 1000V)
MATERIAL TEMP. CLASS	CLASS B
NOISE ATT. LEVEL (TF : 10K～30MHZ)	CM : －120 dB Max. DM : －70 dB Max.

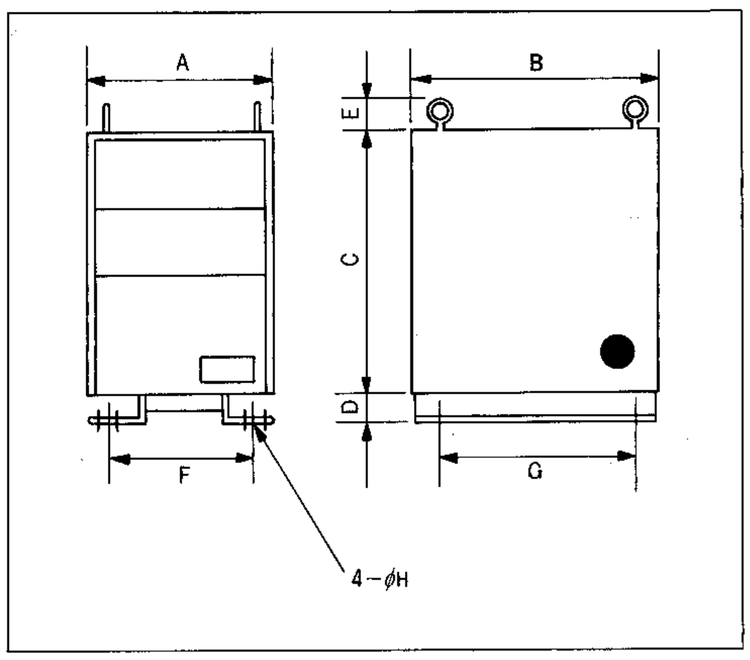
MODEL	OUTPUT	DIMENSION (mm)								WT.(kg)
		A	B	C	D	E	F	G	H	
NIT－□B 300	300 VA	215	133	111	35	113	155	10	8	7.5
NIT－□B 500	500 VA	245	133	111	35	113	185	10	8	11.5
NIT－□B 750	750 VA	245	152	127	35	132	175	10	12	13.5
NIT－□B 1000	1000 VA	260	152	127	35	132	190	10	12	16.0
NIT－□B 2000	2000 VA	265	219	183	35	195	165	12	12	25.0

NIT－2T, 3T



NIT－2T/3T

- LOW SURGE IMPEDANCE (2T) 및 HIGH SURGE IMPEDANCE (3T)으로 SYSTEM에 따라 선택 가능
- 용량 3KVA～10KVA 제품으로 실험실, 실드룸 및 대형 자동화기기에 최적
- 입출력 공히 110V 혹은 220V 전환사용 가능
- LOW SURGE IMPEDANCE (2T) and HIGH SURGE IMPEDANCE (3T) can be selected in accordance with system.
- Suitable for Lab, SHIELD ROOM and FA equipment with ranging 3KVA～10KVA
- Input and output can be changed easily between 110V and 220V.



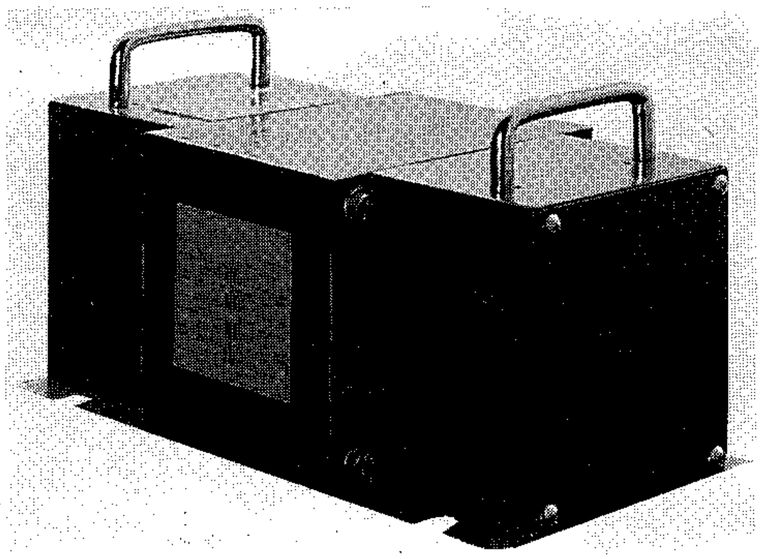
■ RATINGS

RATED VOLTAGE	110/220V(60Hz)
VOLTAGE REGULATION	2T : 4～7% 3T : 3～6%
SEPARATE SOURCE VOLTAGE LEVEL	AC 2KV(1 Min)
INDUCED OVERVOLTAGE LEVEL	2×RATED VOLTAGE
LIGHTNING IMPULSE LEVEL	2KV (1.2/50μs)
INSULATION MEGGER	100Mohm(DC 1000V)
MATERIAL TEMP. CLASS	CLASS B, H
NOISE ATT. LEVEL (T.F : 10K～30MHZ)	CM : －120 dB Max. DM : －70 dB Max.

MODEL	OUTPUT	DIMENSION (mm)								WT.(kg)
		A	B	C	D	E	F	G	φH	
NIT－□T 3000	3000 VA	234	353	243	40	－	190	275	12	32.0
NIT－□T 4000	4000 VA	234	353	243	40	－	190	275	12	38.0
NIT－□T 5000	5000 VA	234	353	243	40	－	190	275	12	45.0
NIT－□T 7500	7500 VA	270	500	350	60	60	210	320	16	65.0
NIT－□T 10000	10000 VA	270	500	350	60	60	210	320	16	85.0

NOISE ISOLATION TRANSFORMER

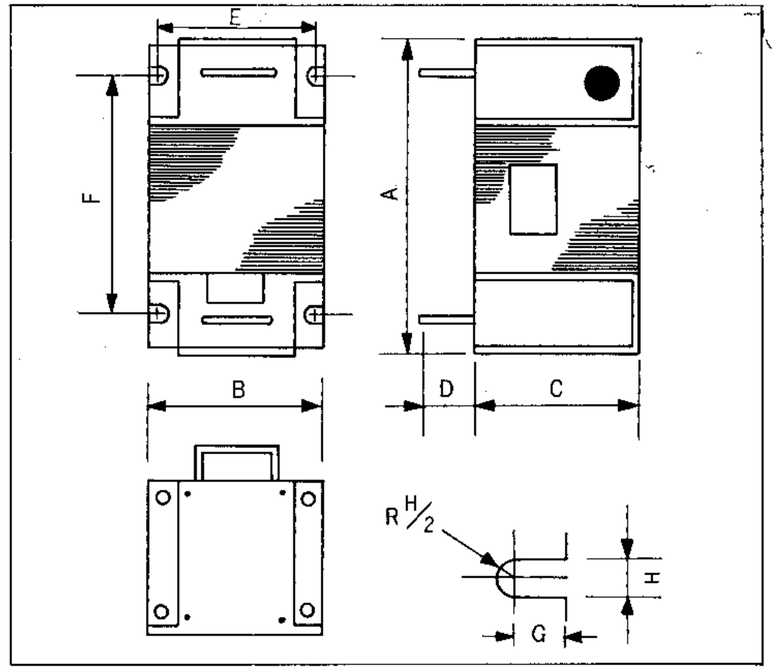
NIT－HISOLATOR / 고성능형　　*HISOLATOR(HIGH LEVEL) TYPE*



NIT－HISOLATOR

- 고주파 NOISE 및 SURGE NOISE 전도 방지를 위한 고성능 제품
- 고전압기기 LEVEL의 절연구조로 누설 전류가 낮고 안전성이 뛰어남.
- 입출력 공히 110V 혹은 220V결선 가능.

- High performance products for high frequency noise and surge noise.
- Enhanced insulation level and low leakage current ensure safety.
- Input and output can be changed easily between 110V and 220V.



■ RATINGS

RATED VOLTAGE	110/220V(60Hz)
VOLTAGE REGULATION	3～7%
SEPARATE SOURCE VOLTAGE LEVEL	AC 5KV(1 Min)
INDUCED OVERVOLTAGE LEVEL	2×RATED VOLTAGE
LIGHTNING IMPULSE LEVEL	10KV (1.2/50μs)
INSULATION MEGGER	200Mohm(DC 1000V)
MATERIAL TEMP. CLASS	CLASS H, F
NOISE ATT. LEVEL (TF : 10K～30MHZ)	CM : －140 dB Max. DM : －90 dB Max.

MODEL	OUTPUT	DIMENSION (mm)								WT.(kg)
		A	B	C	D	E	F	G	H	
NIT － H 300	300 VA	215	133	111	35	113	155	10	8	8.0
NIT － H 500	500 VA	245	133	111	35	113	185	10	8	12.0
NIT － H 1000	1000 VA	260	152	127	35	132	175	10	12	16.5
NIT － H 2000	2000 VA	265	152	183	35	195	165	12	12	26.0