

GXA Series New!



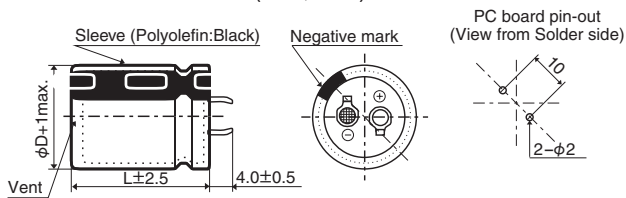
- Endurance with ripple current : 3,000 hours at 125°C
- Rated voltage range : 400 & 450V_{dc}, Capacitance range : 220 to 820µF
- Suitable for the communication infrastructure power supply and other high temperature applications.
- Non solvent resistant type
- RoHS2 Compliant

SPECIFICATIONS

Items	Characteristics	
Category Temperature Range	-40 to +125°C	
Rated Voltage Range	400 & 450V _{dc}	
Capacitance Tolerance	±20% (M) (at 20°C, 120Hz)	
Leakage Current	I ≤ 3/CV Where, I : Max. leakage current (µA), C : Nominal capacitance (µF), V : Rated voltage (V) (at 20°C after 5 minutes)	
Dissipation Factor (tan δ)	Rated voltage (V _{dc})	400 & 450V
	tan δ (Max.)	0.20 (at 20°C, 120Hz)
Low Temperature Characteristics (Max. Impedance Ratio)	Rated voltage (V _{dc})	400 & 450V
	Z(-25°C)/Z(+20°C)	8 (at 120Hz)
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20°C after subjected to DC voltage with the rated ripple current is applied (the peak voltage shall not exceed the rated voltage) for 3,000 hours at 125°C.	
	Capacitance change	≤ ±20% of the initial value
	D.F. (tan δ)	≤ 200% of the initial specified value
	Leakage current	≤ The initial specified value
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 125°C without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to Item 4.1 of JIS C 5101-4.	
	Capacitance change	≤ ±15% of the initial value
	D.F. (tan δ)	≤ 150% of the initial specified value
	Leakage current	≤ The initial specified value

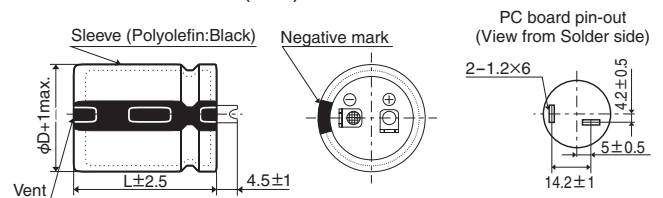
DIMENSIONS [mm]

Terminal Code : VS (φ30, φ35) : Standard

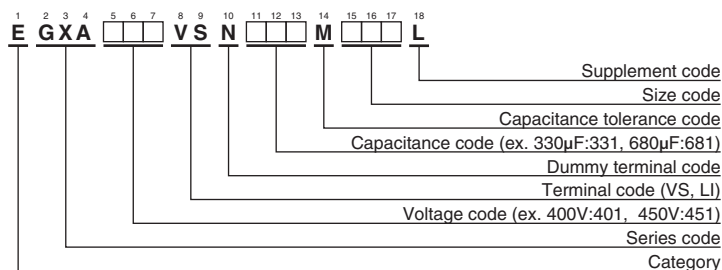


The standard design has no plastic disc.

Terminal Code : LI (φ35)



PART NUMBERING SYSTEM



Please refer to "Product code guide (snap-in type)"

◆STANDARD RATINGS

WV (V _{dc})	Cap (μF)	Case size φD×L(mm)	tan δ	Rated ripple current (Arms/125°C, 120Hz)	Part No.	WV (V _{dc})	Cap (μF)	Case size φD×L(mm)	tan δ	Rated ripple current (Arms/125°C, 120Hz)	Part No.
400	270	30 × 30	0.20	1.24	EGXA401VSN271MR30L	450	220	30 × 30	0.20	1.12	EGXA451VSN221MR30L
	330	30 × 35	0.20	1.41	EGXA401VSN331MR35L		270	30 × 35	0.20	1.27	EGXA451VSN271MR35L
	330	35 × 30	0.20	1.48	EGXA401VSN331MA30L		270	30 × 40	0.20	1.31	EGXA451VSN271MR40L
	390	30 × 40	0.20	1.57	EGXA401VSN391MR40L		270	35 × 30	0.20	1.34	EGXA451VSN271MA30L
	390	30 × 45	0.20	1.61	EGXA401VSN391MR45L		330	30 × 45	0.20	1.48	EGXA451VSN331MR45L
	390	35 × 35	0.20	1.64	EGXA401VSN391MA35L		330	35 × 35	0.20	1.51	EGXA451VSN331MA35L
	470	30 × 50	0.20	1.80	EGXA401VSN471MR50L		390	30 × 50	0.20	1.64	EGXA451VSN391MR50L
	470	35 × 40	0.20	1.86	EGXA401VSN471MA40L		390	35 × 40	0.20	1.70	EGXA451VSN391MA40L
	560	30 × 55	0.20	2.01	EGXA401VSN561MR55L		470	30 × 55	0.20	1.84	EGXA451VSN471MR55L
	560	30 × 60	0.20	2.04	EGXA401VSN561MR60L		470	30 × 60	0.20	1.87	EGXA451VSN471MR60L
	560	35 × 45	0.20	2.08	EGXA401VSN561MA45L		470	35 × 45	0.20	1.91	EGXA451VSN471MA45L
	680	35 × 50	0.20	2.34	EGXA401VSN681MA50L		560	35 × 50	0.20	2.13	EGXA451VSN561MA50L
	680	35 × 55	0.20	2.39	EGXA401VSN681MA55L		560	35 × 55	0.20	2.17	EGXA451VSN561MA55L
	820	35 × 60	0.20	2.67	EGXA401VSN821MA60L		680	35 × 60	0.20	2.43	EGXA451VSN681MA60L

◆RATED RIPPLE CURRENT MULTIPLIERS

● Frequency Multipliers

Frequency(Hz)	50	120	300	1k	10k	50k
400 & 450V _{dc}	0.77	1.00	1.16	1.30	1.41	1.43

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Aluminium Electrolytic Capacitors - Radial Leaded](#) *category:*

Click to view products by [United Chemicon](#) *manufacturer:*

Other Similar products are found below :

[LXY50VB4.7M-5X11](#) [B41041A2687M8](#) [B41041A7226M8](#) [B41044A7157M6](#) [EPA-201ELL151MM25S](#) [NCD681K10KVY5PF](#) [KM4700/16](#)
[KME50VB100M-8X11.5](#) [SG220M1CSA-0407](#) [ES5107M016AE1DA](#) [ESRL25V330](#) [ESX472M16B](#) [SZ010M1500A5S-1015](#) [227RZS050M](#)
[476CKH100MSA](#) [477CKR100M](#) [KME25VB100M-6.3X11](#) [XRL50V22](#) [052687X](#) [107CKR010M](#) [EKMA500ELL4R7ME07D](#) [NRE-](#)
[S560M16V6.3X7TBSTF](#) [RGA221M1CTA-0611G](#) [ERZA630VHN182UP54N](#) [UPL1A331MPH](#) [MAL214658821E3](#)
[SK106M016AC3KAKPLP](#) [SK107M025AE3EAKPLP](#) [B43827A1106M8](#) [B41022A5686M6](#) [EKMA160EC3101MF07D](#)
[ESMG160ETD221MF11D](#) [EKZH160ETD152MJ20S](#) [EKMA350ELL100ME07D](#) [ESMG160ETD101ME11D](#) [EGXF500ELL561ML15S](#)
[SK107M025AE3KAKPLP](#) [EKMG350ETD471MJ16S](#) [MEA562M2W--D130](#) [35YXA330MEFC10X12.5](#) [RGA221M2ABK-1320G](#)
[ERR1HM1R0D11OT](#) [ERR1CM222W20OT](#) [TM1081EMF202RB](#) [RXQ271M2EBK-1836](#) [RXW103M1CBK-1840](#) [B41896C5278M](#)
[B41851A8107M000](#) [EKMA160ETD470MF07D](#) [UHW1J102MHD6](#)