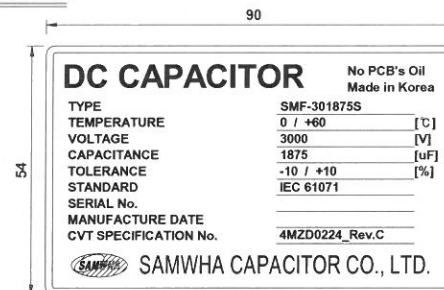


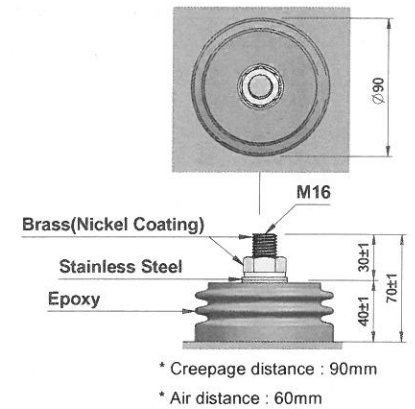
SPECIFICATION

1. ALTITUDE : MAX. 1000 METER ABOVE SEA LEVEL
2. OPERATING TEMPERATURE : 0℃ ~ +60℃
3. STORAGE TEMPERATURE : -40℃ ~ +70℃
4. CAPACITANCE TOLERANCE : -10% ~ +10%
5. RATED CAPACITANCE : 1875uF
6. RATED DC AVERAGE VOLTAGE : 2600 VDC
7. RATED REPETIVE PEAK VOLTAGE (Un) : 3000VDC
8. NON RECURRENT SURGE VOLTAGE : 3500VDC-100ms/DAY
9. LEAKAGE INDUCTANCE : < 150 nH
10. RMS CURRENT : 230Arms
11. TANGENT OF THE LOSS ANGLE : < 25*10⁻⁴ (at 100Hz, 100mA)
12. SEREIS RESISTANCE(Rs) : < 2mΩ
13. THERMAL RESISTANCE (Rth) : 0.14 ℃/W
14. WITHSTAND VOLTAGE TEST
TERMINAL TO TERMINAL : 4500VDC, 10sec
TERMINALS TO CASE : 12kVAC, 60sec
15. PAINTING COLOR : Munsell 5Y 7/1
16. IMPREGNATION : CAPACITOR OIL(non P.C.B)
17. DIELECTRIC : SELF HEALING TYPE
18. CASE : STAINLESS STEEL 304
19. MAX TIGHTENING TORQUE : 30Nm
20. APPROX. WEIGHT : < 34kg
21. APPLICABLE STANDARDS : IEC 61071(2007)
22. EXPECTED LIFE : > 100,000 HOURS

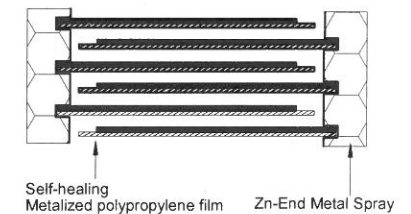
MARKING



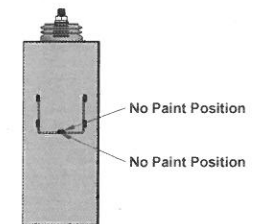
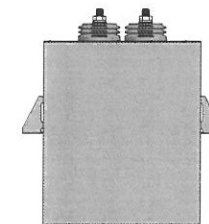
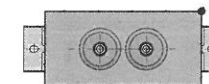
OUTPUT BUSHING



DIELECTRIC STRUCTURE



Welding Point & No Paint Point



Welding Point Mart : (Welding area 2mm)

*Bill of Materials

Parts/Materials	Supply part number	Vender	Country
Metalized Polypropylene	HPH 12um*100*4(10±5Ω/20±5Ω)	SUNGMOON ELECTRICS	KOREA
Impregnant Oil	Sun Ohm C Oil	KANDEN ENGINEERING	JAPAN
Case & Cover	Stainless Steel 304 1.5t	POSCO	KOREA
Bushing	40kV BIL, Epoxy	YOUNGTECH Inc.	KOREA
Connection Wire	Copper(Tin Plating)	DONGWANG	KOREA
Insulation Paper	kraft Paper(80um/0.25mm)	MIKKI	CHINA
Zn Wire	Zinc 1.6Φ	SAMWHA NON-FERROUS METAL	KOREA

※ SAMWHA TYPE : SMF-301875S

※ GE Power Conversion specification NO : 4MZD0224_Rev.C

REVISION	SYMBOL	ITEMS	REASON	DATE	CHECK

NAME OF PART	DC CAPACITOR (3000VDC 1875uF ±10%)			SCALE	N/S	DIM	mm
DESIGN	CHECKED	APPROVED	PROJECT NO	DATE	MAR. 31. 2014		
J.H.CHO	Y.J.KIM	I.S.SEO	ITEM NO	SPEC No.	PD - 544		
				DRAW No.	KD - 544 - 2		