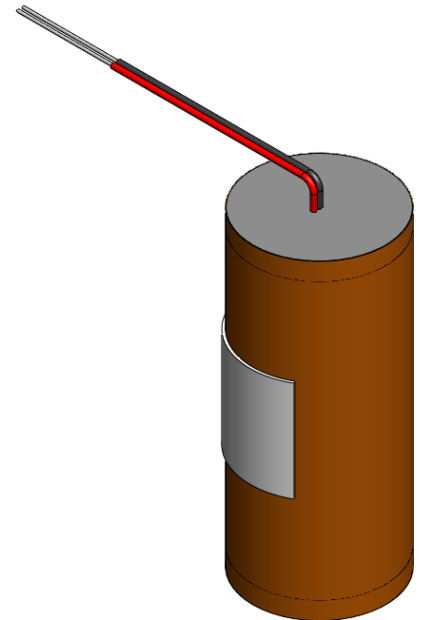


High-Temperature Film Capacitors



Advanced Conversion has partnered with W.L. Gore & Associates to provide high-temperature film capacitors for operation up to 200°C while retaining long life and capacitance stability. These capacitors are offered in standard sizes ranging from 25uF to 100uF.



Mechanical Specifications:

- Dimensions:** See layout drawing for details
- Packaging:** Kapton® outer wrap encapsulated with epoxy
- Connection Type:** Stranded silver-coated copper wire with PTFE insulation. Wires can exit from one or both sides.
- Wire Termination:** Ends stripped of insulation
- Wire Gauge:** See Part Numbering for details
- Environmental Compliance:** RoHS

Electrical Specifications:

- Capacitance:** See Part Numbering for details
- Capacitance Tolerance:** ±10%
- DC Voltage Rating:** 600 VDC
- ESR:** < 300 mΩ typical
- Operating Temperature:** -50°C to 200°C

Part Numbering:*

804 1 G 030 -24 -2

Part Series	Revision	Film Type	Capacitance (uF)	Wire Gauge (AWG)	Wire Exit
804	1	G (GORE® High-Temperature Film)	25	24	1 (Exit on one side) (Only for 24 AWG option)
			30		
			40		
			50	OR	OR
			60		
			70		
			80	18	2 (Exit on both sides)
			90		
			100		

*Omit spaces when ordering, e.g. 8041G030-24-2

Marking:

Company Identification: APCS

Part Number: 8041GXXX-XX-X

Capacitance value and Tolerance: XXX uF ±10%

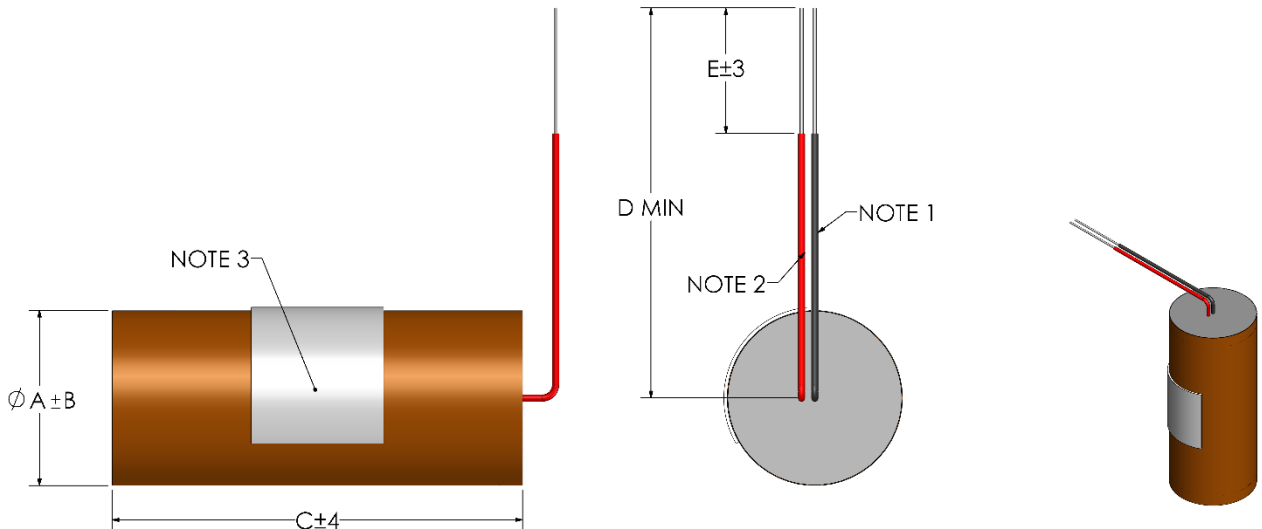
DC Voltage Rating: 600 VDC

Serial Number: yyww-lot#-unit
(date code, lot number, serial number)

Layout Detail

- NOTES:
 1. WIRE COLOR IS BLACK
 2. WIRE COLOR IS RED
 3. LABEL CONTAINS SERIAL NUMBER, PART NUMBER, AND REVISION

REVISIONS					
REV.	DESCRIPTION	CHG BY	CHK BY	APP BY	DATE
1	Initial Release	-	-	-	-



		Advanced Conversion 81 PARKER ROAD BARRIE, VT 05641 USA TEL: 802.661.3450 ext. 104	
TITLE GORE 200C FILM CAPACITOR		DWG. NO. 8041G	
DRAWN: AAS CHECKED: B/29/2002 DATE:	SH-81 1 OF 1 HISTORICAL DRAWING	PROPRIETARY AND CONFIDENTIAL THIS INFORMATION IS THE PROPERTY OF ADVANCED CONVERSION. ANY REPRODUCTION OR DISSEMINATION OF THIS INFORMATION TO ANY OTHER PARTY IS STRICTLY PROHIBITED.	

Part Number	Capacitance (uF)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
8041G025-XX-X	25	28	2.5	62	620	19
8041G030-XX-X	30	30	2.5			
8041G040-XX-X	40	35	2.5			
8041G050-XX-X	50	40	2.5			
8041G060-XX-X	60	44	2.5			
8041G070-XX-X	70	47	2.5			
8041G080-XX-X	80	50	2.5			
8041G090-XX-X	90	52	2.5			
8041G100-XX-X	100	54	2.5			

Advanced Conversion retains the right to amend this datasheet without notice.