

NOTICE OF
CANCELLATION

INCH-POUND
MIL-PRF-19978/8A
NOTICE 1
10 May 2005

PERFORMANCE SPECIFICATION SHEET

CAPACITORS, FIXED, PLASTIC DIELECTRIC, AXIAL-WIRE TERMINAL,
TUBULAR (INSULATED) (HERMETICALLY SEALED IN METAL CASES),
ESTABLISHED RELIABILITY, STYLE CQR07

MIL-PRF-19978/8A, dated 27 May 1999, is hereby cancelled. Possible replacements may be found in MIL-PRF-19978/22. MIL-PRF-19978/8 (CQR07) capacitors are polycarbonate (PC) while MIL-PRF-19978/22 (CQR44) capacitors are polyphenylene sulfide (PPS). The maximum capacitance change at +125°C and the maximum capacitance change after life testing is different (see table below for details). The possible replacement parts are physically the same size. Users are cautioned that they must determine if the capacitance changes of the possible replacements are acceptable for their applications.

The change in capacitance allowances for the two specifications are shown in the following table:

Capacitance change allowed during	CQR44 (MIL-PRF-19978/22)	CQR07 (MIL-PRF-19978/8)
stability at high temperature test	±3 percent	+1 percent, -4 percent
life test	±3 percent	+2 percent, -1 percent

Custodians:
Army - CR
Navy - EC
Air Force - 11
DLA - CC

Preparing activity:
DLA - CC
(Project 5910-2294)

Review activities:
Navy - MC
Air Force -19, 99

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using ASSIST Online database at <http://assist.daps.dla.mil/>.