

REVISIONS				
LT	DESCRIPTION	DATE	APPROVED	
-	Original Release	1/7/2008		
A	Added Additional AB-AF testing sequence and A6 – AF packaging options	8/17/2008	D. Herring	
B	Added AG test sequence which is DPA per Mil-PRF-123 and single lot processing.	10/22/2009	D. Herring	
C	Added AH and AJ test sequence	6/3/2010	D. Herring	
D	Added AK test sequence	3/9/2011	D. Herring	
E	Added AL Test Sequence	10/19/2011	D. Herring	
F	Added AG Pkg Option (1000/reel, unmarked, 7" reel)	11/28/2011	D. Herring	
G	Added "AM" testing – Updated Rev on all pages, Revised the scope to include AVX catalog part numbers using the "Z" codes for specific additional testing.	7/2/2012	D. Herring	
H	Added additional testing option "AN". (SLDC)			
I	Added 'S' suffix for SLDC option on additional testing parts.	04/18/13	M. Herrold	
J	Added packaging code 'AH'.	12/05/13	M. Herrold	
K	Changed packaging code 'AA' to indicate unmarked, bulk packaging	12/12/13	M. Herrold	
L	Added packaging code 'AJ'.	09/02/14	M. Herrold	
M	Added testing option 'AO'. (Group C)	03/2/2016	M. Herrold	
N	Added "AP", Like "AH" with added Element Evaluation per Class "H" of Mil-PRF-38534	9/29/2017	D. Herring	
P	Added "AQ" Group "A" and 15 piece DPA per EIA 469	11/7/2017	D. Herring	
Q	Added "AR" testing requirements as well as M-PF-123 option for special specs.	12/12/2017	D. Herring	

REV STATUS OF PAGES	REV	Q	Q	Q													
	PAGES	1	2	3													

	PREPARED BY Dwight Herring	DESIGN ACTIVITY AVX Corporation Myrtle Beach, South Carolina
Original date of drawing	CHECKED BY	TITLE CAPACITORS, FIXED, CERAMIC, CHIP, CDR/CKR With Additional Sample Screening Options
	APPROVED BY	
	SIZE A	CODE IDENT. NO.
	REV Q	DWG NO. AOL-2550
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1. SCOPE

1.1 Scope. This drawing and the applicable military specifications listed below describe the requirements for additional sample screening options on the military products as well as AVX Catalog Part Numbers where additional testing is required.

1.2 Military Specification/AVX Catalog/Website:

- 1.2.1 Mil-PRF-55681
- Mil-PRF-39014
- Mil-PRF-20
- Mil-PRF-123
- AVX Catalogs/Website

1.3 Part Number Suffix Example: CDR01BX102BKUR-**ZAAAA**

- Letter "Z" indicates special AVX specification AOL-2550 applies. See tables below for special suffixes
- First "AA" indicates special sample testing as indicated in par 1.4
- Second "AA" indicates special packaging/marketing criteria

1.4 Additional Test Options. To require additional testing options, use the appropriate letters from the table below. If no additional testing is desired, leave this location blank. NOTE: Ordering additional testing may extend the processing time by 90 days or more.

Single Lot Date Code (SLDC): For the below testing options, replace the first 'A' with an 'S' for Single Lot Date Code (SLDC). Example: AB with SLDC would be SB. (Note: Use 'AN' for SLDC without additional testing.)

Letter	Additional testing option
AA	12 piece Low voltage Humidity per Mil-PRF-123. Samples and Report must ship with units
AB	Same as AA + samples will be retained by AVX
AC	Same as AA with single lot processing
AD	This suffix is specific for Harris 2011009. It is the same as AA with added serialized DPA per Mil-PRF-123 among other sample inspections. AVX has created a specific C of C (Form 1300) DPA data required. With shipment
AE	Sample DPA per Mil-PRF-123 required. DPA report to ship with units. DPA sample retained at AVX
AF	Same as "AA" above with DPA per Mil-PRF-123 and Single Lot processing.
AG	DPA per Mil-PRF-123 and Single Lot Processing
AH	12 piece LVH with Samples. DPA per Mil-PRF-123 w/photos, Sgl lot processing, No XRF test.
AJ	Same as AH with XRF test
AK	Standard Mil Group A with DPA per EIA-469. Photos must accompany the shipment
AL	12 pc. LVH per Mil-PRF-123, DPA per Mil-PRF-123 with photos, Sgl lot processing per Mil-PRF-123, DOUBLE-SIDED ULTRASONIC EXAMINATION: 100% 50 MHz Double-Sided Ultrasonic examination (K and T level only), reference MIL-PRF-123, Section 4.6.1.
AM	Group "A" per mil-prf-55681 with additional 25 piece life test per Group "C" of Mil-PRF-55681
AN	Single Lot Date Code (SLDC) Required
AO	Full Group C per MIL-PRF-55681
AP	Same as AH with Element Evaluation per Class "H" of Mil-PRF-38534
AQ	Group "A" per Mil-PRF-55681 and 15 piece DPA per EIA-469
AR	Group "A" per Mil-PRF-55681, Single Lot Date Code, Group "C" maintenance, Data on CD Rom

1.5 Packaging/Unit Marking – Use the following codes to identify the package/unit marking option

Letter	Additional packaging option
AA	Unmarked, bulk packaging
AH	Marked, bulk packaging
A6	Unmarked Waffle pack
AW	Marked Waffle pack
A2	Unmarked, 7" reel
AM	Marked, 7" reel
AB	Marked, 7" reel 500 per reel
AC	Marked, 7" reel 1000 per reel
AD	Marked, 7" reel 2000 per reel
AE	Unmarked, 7" reel 500 per reel
AF	Marked, 7" reel 250 per reel
TR	Tape and Reel Std #1 (EIA 468)
AG	Unmarked, 7" reel 1000 per reel
AJ	Unmarked, 7" Reel – Reel must be sealed in an ESD Foil Bag

1.6 Note: The following e-mail was received from John Bonitatibus at DSCC confirming that AVX could supply the CKR/CDR part numbers with JAN marking on the product and labels with the additional sample testing performed after the completion of the required testing per their respective military specifications. In addition, the sample inspections are for information only and will not affect the acceptance of the product for shipment.

From: Bonitatibus, John A (DSCC) [mailto:John.Bonitatibus@dla.mil]
Sent: Tuesday, December 11, 2007 8:41 AM
To: Bill Lang
Cc: Rick Youngs
Subject: RE: MIL-PRF

Good morning Bill:

I've discussed this issue with my supervisor (Mike Radecki) and we don't see any problem using the JAN marking on these parts as they still meet the requirements of the spec. However, we do have a concern. If these parts are being purchased for military use, parts purchased for replacement purposes may or may not meet the requirements of the original purchase order clause. A situation like this would normally be handled with a "selected item drawing" with a unique part number. We would be willing to draft a drawing if there was a reasonable justification for this requirement.

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