

INCH-POUND

MIL-PRF-15733J  
SUPPLEMENT 1  
6 July 2010

## PERFORMANCE SPECIFICATION

FILTERS AND CAPACITORS, RADIO FREQUENCY INTERFERENCE,  
GENERAL SPECIFICATION FORThis supplement forms a part of [MIL-PRF-15733J](#), dated 6 July 2010.

## PART 1

## SPECIFICATION SHEETS

<a href="#">MIL-F-15733/1</a>	- Filters, Radio Frequency Interference, Hermetically Sealed, Style FL22.
<a href="#">MIL-F-15733/2</a>	- Filters, Radio Frequency Interference, Hermetically Sealed, Style FL24.
<a href="#">MIL-F-15733/4</a>	- Filters, Radio Frequency Interference, Style FL53.
<a href="#">MIL-PRF-15733/23</a>	- Filters, Radio Frequency Interference, Hermetically Sealed, Styles FL10 and FL11.
<a href="#">MIL-F-15733/24</a>	- Filters, Radio Frequency Interference, Hermetically Sealed, Style FL12.
<a href="#">MIL-PRF-15733/25</a>	- Filters, Radio Frequency Interference, Hermetically Sealed, Style FL13.
<a href="#">MIL-PRF-15733/26</a>	- Filters, Radio Frequency Interference, Hermetically Sealed, Style FL14.
<a href="#">MIL-PRF-15733/27</a>	- Filters and Capacitors, Radio Frequency Interference, Hermetically Sealed, Style FL15.
<a href="#">MIL-F-15733/28</a>	- Filters, Radio Frequency Interference, Style FL42.
<a href="#">MIL-F-15733/30</a>	- Filters, Radio Frequency Interference, Hermetically Sealed, Style FL82.
<a href="#">MIL-PRF-15733/31</a>	- Filters, Radio Frequency Interference, Hermetically Sealed, Style FL83.
<a href="#">MIL-PRF-15733/33</a>	- Filters, Radio Frequency Interference, Style FL38.
<a href="#">MIL-PRF-15733/34</a>	- Filters and Capacitors, Radio Frequency Interference, Hermetically Sealed, Style FL90.
<a href="#">MIL-PRF-15733/38</a>	- Filters, Radio Frequency Interference, Hermetically Sealed, Style FL16.
<a href="#">MIL-PRF-15733/39</a>	- Filters, Radio Frequency Interference, Hermetically Sealed, Style FL91.
<a href="#">MIL-PRF-15733/40</a>	- Filters, Radio Interference, Style FL35.
<a href="#">MIL-PRF-15733/41</a>	- Filters, Radio Frequency Interference, Style FL84.
<a href="#">MIL-PRF-15733/43</a>	- Filters, Radio Frequency Interference, Style FL70.
<a href="#">MIL-PRF-15733/44</a>	- Filters, Radio Frequency Interference, Style FL45.
<a href="#">MIL-PRF-15733/46</a>	- Filters, Radio Frequency Interference Suppression, Style FL41.
<a href="#">MIL-F-15733/48</a>	- Filters, Radio Frequency Interference, Hermetically Sealed, Style FL92.
<a href="#">MIL-PRF-15733/49</a>	- Filters and Capacitors, Radio Frequency Interference, Hermetically Sealed, Style FL93.
<a href="#">MIL-PRF-15733/51</a>	- Filters, Radio Frequency Interference, Style FL48.
<a href="#">MIL-PRF-15733/54</a>	- Filters, Radio Frequency Interference, Hermetically Sealed, Style FL94.
<a href="#">MIL-PRF-15733/55</a>	- Filters, Radio Interference, Hermetically Sealed, Style FL85.
<a href="#">MIL-PRF-15733/56</a>	- Filter, Radio Frequency Interference Suppression, Hermetically Sealed, Style FL61.
<a href="#">MIL-PRF-15733/57</a>	- Filters, Radio Frequency Interference, Hermetically Sealed, Style FL62.
<a href="#">MIL-PRF-15733/58</a>	- Filters and Capacitors, Radio Frequency Interference, Hermetically Sealed, Style FL63.
<a href="#">MIL-PRF-15733/59</a>	- Filters, Radio Frequency Interference, Hermetically Sealed, Style FL64.
<a href="#">MIL-PRF-15733/61</a>	- Filter, Radio Frequency Interference, Styles FL30, FL32, FL34, and FL43.
<a href="#">MIL-PRF-15733/62</a>	- Filters, Radio Frequency Interference, Styles FL31 and FL47.

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MIL-PRF-15733/66	- Filters, Radio Frequency Interference, Style FL50.
MIL-PRF-15733/67	- Filters, Radio Frequency Interference, Hermetically Sealed, Style FL88.
MIL-PRF-15733/72	- Filters, Radio Frequency Interference, Hermetically Sealed, Style FL54.
MIL-PRF-15733/73	- Filters, Radio Frequency Interference, Hermetically Sealed, Style FL55.
MIL-PRF-15733/74	- Filters, Radio Frequency Interference, Hermetically Sealed, Style FL56.
MIL-PRF-15733/75	- Filters, Radio Frequency Interference, Hermetically Sealed, Style FL98.

PART II

Functional Guide

RFI Filters, High Frequency, Hex-Head Types

Volts		Current	Circuit type	Specification sheet
dc	ac	Amperes		
500	350	25	Pi	61
500	-----	10	Pi	43
300	-----	10	Pi	46
200	140	10	Pi	61
125	85	.3, 15	Multi Pi	44
100	70	10	Pi, L2	61
70	-----	10	Pi	61
50	-----	25	Pi	61

RFI Filters, High Frequency, Solder-In

Volts		Current	Circuit type	Specification sheet
dc	ac	Amperes		
500	350	25	Pi	40
200	140	10	Pi	62
200 @ 85 C	200 @ 85 C	10	Pi	51
125	90	10	Pi	33
125	-----	10	Pi	66
100	-----	10	Pi	62
70	-----	10	Pi	62
70	-----	10	Pi	51

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RFI Filters, Broadband Types

Volts		Current	Circuit type	Specification sheet
dc	ac	Amperes		
600	250	.5, 1, 3, 5, 10, 20, 30, 50	L1, L2, 2L1, 2L2, Pi, T	74
600	250	.5, 1, 3, 5, 10, 20, 30, 50	L1, L2, 2L2, Pi, T	31
400	115	.5, 1, 3, 5, 10, 20, 30, 50	L1, L2, 2L1, 2L2, Pi, T	73
400	115	3, 5, 10, 20, 30, 50	Pi (2 or 3 lines per case)	75
400	125	1, 10, 15, 20	Pi	41
400@85 C	125@85 C	1, 5, 10, 15, 20, 55	Pi	2
400@85 C	125	2, 5, 10	Pi	55
300	125	10	L1	34
300	115	.1, .25, .5, 1, 2, 3, 10	T, Pi, L2	54
250	115	1.75	L1	54
200	150	1, 2, 3, 4, 5	L1, L2, T	59
200	125	.7, 1, 1.5, 2, 3, 4, 5, 10, 15	L1, L2, Pi	27
200	125	2, 3, 5, 10, 20	L1, L2, Pi	34
200	125	15	L2	38
200	115	1	L2	54
150	----	.1, .3, .5, 1, 2	L1, L2, Pi	23
150	125	.25, 1, 2, 3, 4, 5	L1, L2, Pi, T	26
150	----	3	Pi	38
150	125	.5, 1, 2, 3, 5, 10	L1, L2, Pi	34
150	125	.5	L2	57
125@85 C	----	20	Pi	41
100	----	.25, 1, 2, 3, 4, 5	L1, L2, Pi, T	25
100	30	.5, 1, 2, 3, 5, 10, 20, 30, 50	T	30
100	30	.5, 1, 3, 5, 10, 20, 30, 50	L1, L2, 2L1, 2L2, Pi, T	72
100	----	.1, .25, .5, 1, 2, 3, 5, 10	L1, Pi	34
100	----	.5, 1, 2, 5, 10	L1, L2, Pi	39
100@85 C	----	.25, 3, 5	Pi	39
100	----	15	L2	49
100	----	.5, 1, 2, 3, 5	Pi, L1, L2, T	67
50	----	.1, .3, .5, 1, 2	L1, L2, Pi	23
50	----	2	Pi	34
50	----	10	L1	39
50	----	.1, .3, 2	2L1, 2L2	56
50	----	10	L1, L2	58
50	----	15	L2	38
50	----	15	L2	49
50@85 C	----	15	Pi	38
28	----	.06, .15, .25, .3, .45, 10	L1, L2	24
28	----	.45, 10	L2	34

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Custodians:

Army - CR  
Navy - EC  
Air Force – 85  
DLA - CC

Preparing activity:  
DLA-CC

(Project 59GP-2010-006)

Review activities:

Army - AR, AT, AV, MI  
Navy - AS, MC, OS, SH, YD  
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 the ASSIST Online database at <https://assist.daps.dla.mil>.