

Detail specification for

**Fixed polystyrene foil
dielectric capacitors —
Tabular insulated case,
axial terminations —
Full assessment level**

UDC 621.39.03:621.319.4:621.315.616.9 – 416

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 11 and a back cover.

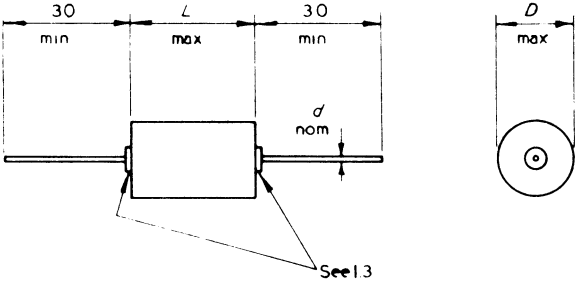
This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Amendments issued since publication

Amd. No.	Date of issue	Comments
1647	April 1975	
3210	January 1980	
3861	December 1981	
4101	November 1982	
7411	January 1993	Indicated by a sideline in the margin

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ELECTRONIC COMPONENTS OF ASSESSED QUALITY: DETAIL SPECIFICATION	
 All dimensions are in millimetres	FIXED CAPACITOR
	POLYSTYRENE FOIL DIELECTRIC
	CLASSIFICATION 40/070/A4
	TUBULAR INSULATED CASE AXIAL TERMINATIONS
	FULL ASSESSMENT

1 Constructional details

1.1 Termination wires may be offset.

1.2 Twisted pairs may be used to provide 1.0 mm d_{nom} leadouts, provided the overall maximum dimension does not exceed 1.1 mm.

1.3 An axial projection 4 mm diameter by 4 mm long (maximum) is permissible to allow for any attachment device for terminations.

2 Ratings and dimensions

See Table 1 and Table 2

Table 1 — Preferred tolerances on capacitance range

Capacitance range	Rated voltage (V)	Tolerances	
2 pF to 13 pF	25, 160, 630, 2 500	± 1 pF, ± 2 pF, ± 3 pF	
14 pF to 20 pF		± 1 pF, ± 2 pF, ± 3 pF, ± 5 pF	
21 pF to 100 pF		± 2 pF, ± 3 pF, ± 5 pF, ± 10 pF	
> 100 pF to 200 pF		± 1 pF, ± 2 pF, ± 2.5 %, ± 5 %, ± 10 %	
> 200 pF to 1 000 pF		± 0.5 %, ± 1 %, ± 2 %, ± 2.5 %	
> 1 nF to 20 nF	25, 63, 160, 400, 630, 2 500		
> 20 nF to 100 nF			
> 100 nF to 200 nF			± 5 %, ± 10 %, ± 20 %
> 200 nF to 500 nF			
NOTE Other tolerances may be supplied.			