BRITISH STANDARD

BS 9076 N001 to 004:1974

Incorporating Amendment Nos. 1, 2, 3 and 4

Detail specification for

Fixed metallized polyethylene terephthalate (PETP) film or metallized polycarbonate film dielectric capacitors — Rectangular non-metallic case axial or radial terminations, centrally spaced — 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 9 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
1681	August 1975	
3065	December 1979	
3182	January 1980	
3815	March 1982	Indicated by a sideline in the margin

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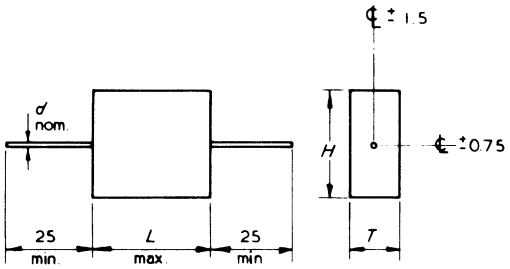
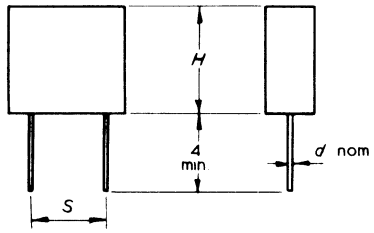
ELECTRONIC COMPONENTS OF ASSESSED QUALITY: DETAIL SPECIFICATIONS	
 BS 9076 N001 (PETP) and BS 9076 N003 (polycarbonate)	FIXED CAPACITOR METALLIZED POLYETHYLENE TEREPHTHALATE (PETP) FILM OR METALLIZED POLYCARBONATE FILM DIELECTRIC
 BS 9076 N002 (PETP) and BS 9076 N004 (polycarbonate)	RECTANGULAR NON-METALLIC CASE. AXIAL OR RADIAL TERMINATIONS, CENTRALLY SPACED
Dimensions are in millimetres (See Clause **1** below and Table 1)	FULL ASSESSMENT

1 Constructional details

1.1 Contour is optional (including stand-offs, where appropriate), providing overall dimensions conform.

1.2 For BS 9076 N002 and N004 only, the projection of the capacitor outline on the $L \times T$ plane shall fall within an area [L(max.) + 0.8] × [T(max.) + 0.8], symmetrically placed about the wire centres.

1.3 The capacitor shall be capable of seating firmly on the printed circuit board, and the body moulding shall not seal off the holes in the printed circuit board through which the capacitor leads pass.

Table 1 — Dimensions

Pattern (see Table 2)	L **max.**	H **max.**	T **max.**	S **Number of modules**[a]	d **nom.**		**Typical mass**
					N001 N003	N002 N004	
	mm	mm	mm		mm	mm	g
0	11.0	10.0	4.5	3	0.6	0.6	1.0
1	14.0	11.5	5.5	4	or	0.6 or 0.8	1.2
2	14.0	12.5	7.5	4		0.6 or 0.8	1.7
3	19.0	13.5	8.0	6	0.8	0.8	2.2
4	19.0	15.5	9.5	6		0.8	4.4
5	27.5	20.5	11.0	9	0.8	0.8	7.7
6	33.0	24.0	14.5	11	or	0.8	14.5
7	33.0	27.5	18.0	11	1.0	0.8	16.0
[a] 1 module = 2.54 mm							

The preferred tolerance on S is ± 0.35 mm but a tolerance of + 0.35 – 0.7 mm is permissible.

Where the permissible tolerance on S is used this shall be stated in the application for qualification approval and a note that it has been used shall be included in the qualified products list.

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