

Förderverein für Elektrotechnische Normung (FEN) e. V.
Cenelec Electronic Components Committee

CECC

Système Harmonisé d'Assurance de la Qualité
des Composants Electroniques

SPECIFICATION PARTICULIERE:

ATTENUATEURS A FIBRES OPTIQUES

Type: Fixe, Bidirectionnel

Style: Configuration A, Type de fibre B1.2

Harmonized System of Quality Assessment for
Electronic Components

DETAIL SPECIFICATION:

FIBRE OPTIC ATTENUATORS

Type: Fixed, Bidirectional

Style: Configuration A, Fibre Type B1.2

Harmonisiertes Gütebestätigungssystem für
Bauelemente der Elektronik

BAUARTSPEZIFIKATION:

FASEROPTISCHE DÄMPFUNGSGLIEDER

Bauart: Festwert, Zweiweg

Bauform: Aufbau A, Faserart B1.2



1

Edition
Issue
Ausgabe

CECC 80 101-801

1994

GB-LONDON W1A 2BS

[1] Specification available from: CECC GENERAL SECRETARIAT	[2] CECC 80 101-801 Page 1 of 16
[3] ELECTRONIC COMPONENT OF ASSESSED QUALITY IN ACCORDANCE WITH GENERIC SPECIFICATION CECC 80 000 ISSUE 1 BLANK DETAIL SPECIFICATION CECC 80 101 ISSUE 1	[4] Issue 1

[5] DETAIL SPECIFICATION for

FIBRE OPTIC ATTENUATOR OF ASSESSED QUALITY

Style: - Configuration: A Type: - Fixed
 - Fibre Type: B1.2 - Bidirectional
 - Connector Set: Not applicable

[6] Assessment Qualification Approval Climatic
 Level: B Procedure: Fixed sample category: 40/070/04

[7] Outline dimensions Panel piercing and mounting
 and mass: details: Not applicable.

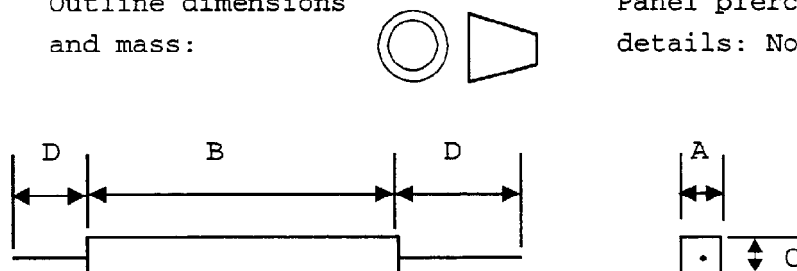


Figure 1 (Not to scale)

Ref.	Dimensions (mm)		Notes
	Min.	Max.	
A	9,5	10,5	
B	95	105	
C	9,5	10,5	
D	1000	1050	Pigtail

Mass (g): Not applicable.

[8] Variants:

Variant No.	Attenuation (dB)	Pigtail type
- A01	10	Tight jacket 0,9 mm O.D
- A02	5	Tight jacket 0,9 mm O.D

Information about manufacturers who have components qualified to this Detail Specification is available in the current CECC 00 200, Register of Approvals.

[9] SUPPLEMENTARY INFORMATION

Marking of the component (see 2.7.2 of CECC 80 000):

1. Manufacturer's identification mark
2. Manufacturer's date code
3. Manufacturer's part number
4. Variant identification number
5. Nominal attenuation value

Marking and contents of package (see 2.7.3 of CECC 80 000):

1. Manufacturer's identification mark
2. Manufacturer's part number
3. Manufacturer's date code
4. Variant identification number
5. Type designation
6. Assessment level
7. Nominal attenuation level

Ordering information:

CECC 80 101-801-(Variant number)

Related documents:

Not applicable.

Certified records of released lots:

Certificate is required (see 3.5 of CECC 80 000).

[10]·TABLE 1: FIXED SAMPLE INSPECTION TEST SCHEDULE			
	Test Sequence (Note)	CECC 80 000 Clause	Sample Size
GROUP 0	Visual inspection Dimensions	4.4.1 4.4.2	25
GROUP 1	Attenuation value at 1,31 μm Attenuation value at 1,55 μm Return loss at 1,31 μm Return loss at 1,55 μm	4.4.5 4.4.6	15
GROUP 2	Cold Dry heat Damp heat Change of temperature	4.5.17 4.5.18 4.5.19 4.5.22	5
GROUP 3	Vibration Pulling	4.5.1 4.5.4	5

Note: For details, measurements and performance requirements see table 4.

[11] TABLE 2:
LOT-BY-LOT INSPECTION TEST SCHEDULE
(GROUPS A AND B)

Test Sequence (Note 1)		CECC 80 000 Clause	Assessment Level (Note 2)
GROUP A	Visual inspection	4.4.1	B
	Dimensions	4.4.2	
GROUP B	Attenuation value at 1,31 μm	4.4.5	B
	Attenuation value at 1,55 μm		
	Return loss at 1,31 μm	4.4.6	
	Return loss at 1,55 μm		

Note 1: For details, measurements and performance requirements see table 4.

Note 2: See 2.1.5 of CECC 80 000 for inspection levels (IL) and acceptance quality levels (AQL).