

CECC



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CECC 81 101-801

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AUSTRIA
 Österreichischer Verband für Elektrotechnik (ÖVE)
 Eschenbachgasse 9
 A-1010 VIENNA

BELGIUM
 Comité Electrotechnique Belge
 Avenue F. Van Kalken, 9
 B-1070 BRUSSELS

DENMARK
 Dansk Elektroteknisk Komite
 Dansk Standard
 Electrotechnical Sector
 Baunegårdsvej 73
 DK-2900 HELLERUP

FINLAND
 Finnish Electrotechnical Standards Association (SESKO)
 P.O. Box 134
 SF-00211 HELSINKI 21

FRANCE
 Union technique de l'Electricité
 Participation française au CECC
 F-92052 PARIS La Défense Cedex 64

GERMANY
 Deutsche Elektrotechnische Kommission im DIN und VDE (DKE)
 Stresemannallee 15
 D-60596 FRANKFURT

IRELAND
 EOLAS - The Irish Science and Technology Agency
 Glasnevin
 IRL-DUBLIN 9

ITALY
 Comitato Elettrotecnico Italiano (CEI)
 Viale Monza, 259
 I-20126 MILAN

NETHERLANDS
 Nederlands Elektrotechnisch Comité (NEC)
 Kalfjeslaan 2
 P.O. Box 5059
 NL-2600 GB DELFT

NORWAY
 Norsk Elektroteknisk Komite (NEK)
 P.O. Box 280
 Skøyen
 N-0212 OSLO 2

PORTUGAL
 Instituto Português da Qualidade
 Rua José Estevão, 83A
 P-1199 LISBOA CODEX

SPAIN
 New Spanish Member
 to be determined.

SWEDEN
 Svenska Elektriska Kommissionen (SEK)
 Box 1284
 S-16428 KISTA-STOCKHOLM

SWITZERLAND
 Schweizerischer Elektrotechnischer Verein (SEV)
 Luppmenstr. 1
 CH-8320 FEHRLTORF

UNITED KINGDOM
 UK Electronic Components Policy Council
 Electrical Department
 British Standards Institution
 2, Park Street
 GB-LONDON W1A 2BS

Information about the System may be obtained from:



FEN e.V. Secretariat
 and
 CECC General Secretariat
 Gartenstraße 179
 D - 60596 Frankfurt
 Telephone: Int. + 49 69 639171
 Telefax: Int. + 49 69 639427

*or from the National Authorized Institutions
 of the participating countries listed
 who can supply copies of:*

- 1 The Internal Regulations of the FEN e.V.
- 2 The Rules of Procedure of the System
- 3 CECC Specifications of the FEN and National Specifications for the System
- 4 CECC 00 200: Register of Firms, Products, and Services Approved under the CECC System
- 5 CECC 00 300: Register of National Documents Implementing CECC Publications and CECC European Standards
- 6 CECC 00 301: Register of CECC Specifications and Related Detail Specifications
- 7 Other CECC Publications and publicity documents

[1] Specification available from: CECC GENERAL SECRETARIAT	[2] CECC 81 101-801 Page 1 of 16
[3] ELECTRONIC COMPONENT OF ASSESSED QUALITY IN ACCORDANCE WITH GENERIC SPECIFICATION EN 181 000 : 1994	[4] Issue 1

[5] DETAIL SPECIFICATION for

FIBRE OPTIC BRANCHING DEVICE OF ASSESSED QUALITY

Style:

- Configuration: A, 3 port
- Fibre Type: B1.2
- Connector Set: Not applicable

Type:

- Non wavelength selective
- Unidirectional
- Transmissive star

(transfer matrix and numbering of ports see page 2)

[6]	Assessment	Qualification Approval	Climatic
	Level: B	Procedure: Fixed sample	category: 40/085/04

[7] Outline dimensions



Panel piercing and
mounting details:
Not applicable.

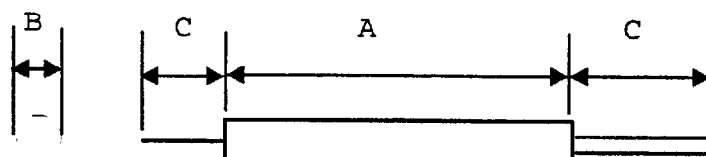


Figure 1 (Not to scale)

Dimensions (mm)			
Ref.	Min.	Max.	Notes
A	59	61	
B	4	4,3	
C	1000	1200	Pigtail

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

[8] Variants:

Variant No.	Operating wavelength (μm)	Transfer coefficient a_{12}/a_{13} (Note)	Pigtail type
- A01	1,30	3,4/3,4	prim. coating
- A02	1,30	0,7/11,7	prim. coating
- A03	1,31	3,4/3,4	prim. coating
- A04	1,31	0,7/11,7	prim. coating
- A05	1,55	3,4/3,4	prim. coating
- A06	1,55	0,7/11,7	prim. coating

Note: Maximal values.

Configuration:



Logarithmic transfer matrix:

Launch Port	Receive Ports		
	1	2	3
1	a_{11}	a_{12}	a_{13}
2	$a_{21} = x$	$a_{22} = x$	$a_{23} = x$
3	$a_{31} = x$	$a_{32} = x$	$a_{33} = x$

Note: X = values not specified.

[9] SUPPLEMENTARY INFORMATION

Marking of the component (see 2.7.2 of EN 181 000):

1. Manufacturer's identification mark
2. Manufacturer's date code
3. Manufacturer's part number
4. Variant letter number

Marking and contents of package (see 2.7.3 of EN 181 000):

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

Ordering information:

CECC 81 101-801-(Variant number)

Related documents:

Not applicable.

Certified records of released lots:

Certificate is required (see 3.5 of EN 181 000).

[10] TABLE 1: FIXED SAMPLE INSPECTION TEST SCHEDULE			
	Test Sequence (Note)	EN 181 000 Clause	Sample Size
GROUP 0	Visual inspection Dimensions and mass	4.5.1 4.5.2	10
GROUP 1	Return loss Insertion loss between conducting ports	4.5.6 4.5.5	3
GROUP 2	Cold Dry heat Damp heat Change of temperature	4.6.17 4.6.18 4.6.19 4.6.22	4
GROUP 3	Vibration Pulling Crush resistance	4.6.1 4.6.4 4.6.10	3

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