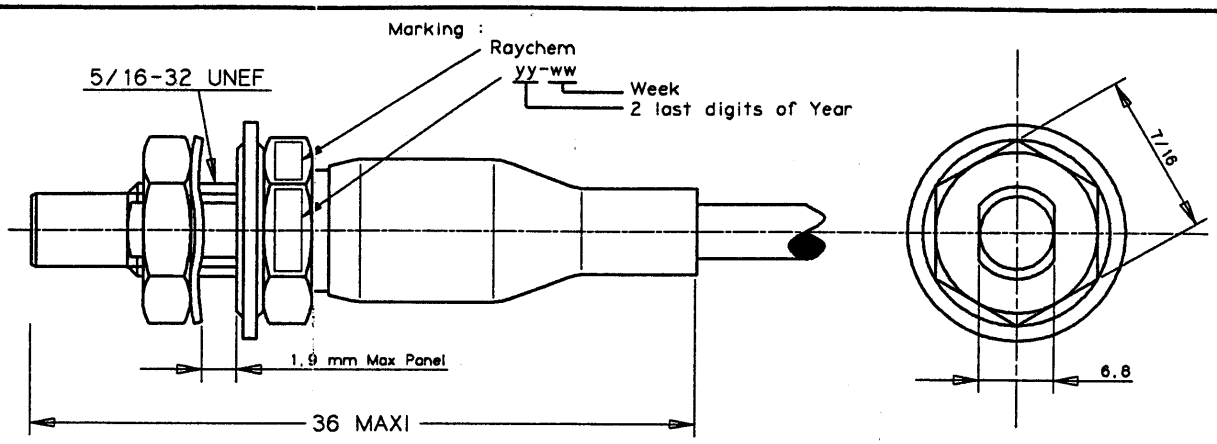
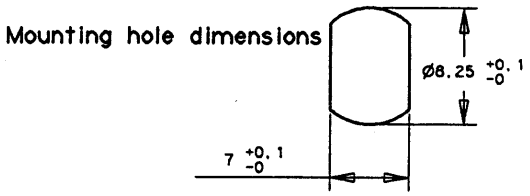
Raychem	SPECIFICATION CONTROL DRAWING	Product name DK-3716-Ex22-Cy	Date 25/FEB/93 Revision A

T18D91

THREADED, COAXIAL CONNECTOR





PART NUMBERING SYSTEM

DK-3716-Ex22-Cy

- Serie
- Connector type
  - E : Jack, Jam nut panel mounted
- Cable type
  - 1 : Single braid
  - 2 : Double braid / Superscreenned
- Contact type
  - P : Pin
  - S : Socket
- Coaxial cable
- Serial Number

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Dimensions are in millimeters

DRAWN G. PONS Engineering	APPROVED R.DE CONTI Product Manager	REPLACES SCD RevØ of 06/SEP/91 by ECO N°3928 of 23/FEB/93
APPROVED G. BRUN Development	APPROVED B.DAUVILLIERS Quality Assurance	PROJECT NUMBER CAD : SCD\DKEx22Cy

DIFFUSION

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1 MATERIALS AND FINISHES

1.1 Housing Body:	Brass Alloy per QQ-B-626D Tin Plated per MIL-T-10727 Over Nickel per MIL-C-26074
*1.2 Jam Nut:	Brass Alloy per QQ-B-626D Over Nickel per MIL-C-26074
1.3 Wave washer:	Spring Steel Over Nickel per MIL-C-26074
Sealing washer Elastomer:	Silicone per AMS-3304
Washer:	CRES per MIL-S-5059 Half Hard or Annealed Passivation per QQ-P-35
Insulation:	Polyethersulfone

* Jam nut shall be torqued 1.13-1.7 m.N when installing connector in panel.

2 WIRE ACCOMMODATIONS

2.1 The connector will terminate to a coaxial cable AWG 24.

2.2 Termination procedure : Raychem RPIP-703-00.

3 INTERMATEABILITY

3.1 This connector will mate with DK-3716-Fxxx-yy.

4 CONTACTS

4.1 This connector will accommodate the following Raychem contacts :

Part No.	Description
D-602-0152	Coaxial, Pin
D-602-0153	Coaxial, Socket

5 PERFORMANCE CAPABILITIES

5.1 Designed to meet Raychem Performance Specification D-6025
No qualification testing is scheduled. The user shall satisfy himself that the product is suitable for use under the conditions pertaining to his application.

5.2 General Characteristics

5.2.1 Maximum Operating Temperature : 150°C.

5.2.2 Current Rating : 3 amps maximum.

5.2.3 Insulation Resistance : 5000 megohms minimum.

5.2.4 High Potential, Mated, Sea Level : 900 volts at 60 Hz.

5.2.5 Contact Resistance, Initial : 8 milliohms maximum.

5.2.6 Connector Mating Coupling Torque : 1,13 m.N maximum.

5.2.7 Insertion Force : 1,4 kg maximum.

5.2.8 Withdrawal Force : 30 g maximum.

5.2.9 Contact Retention Terminated : 9 kg minimum.

5.2.10 Durability : 500 cycles.

5.2.11 Corrosion Resistance : 500 hours.

5.2.12 Weight : 10 g Max.

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