

RaychemSPECIFICATION
CONTROL DRAWING

Product name

DK-3716-Ex22-Cy

Date

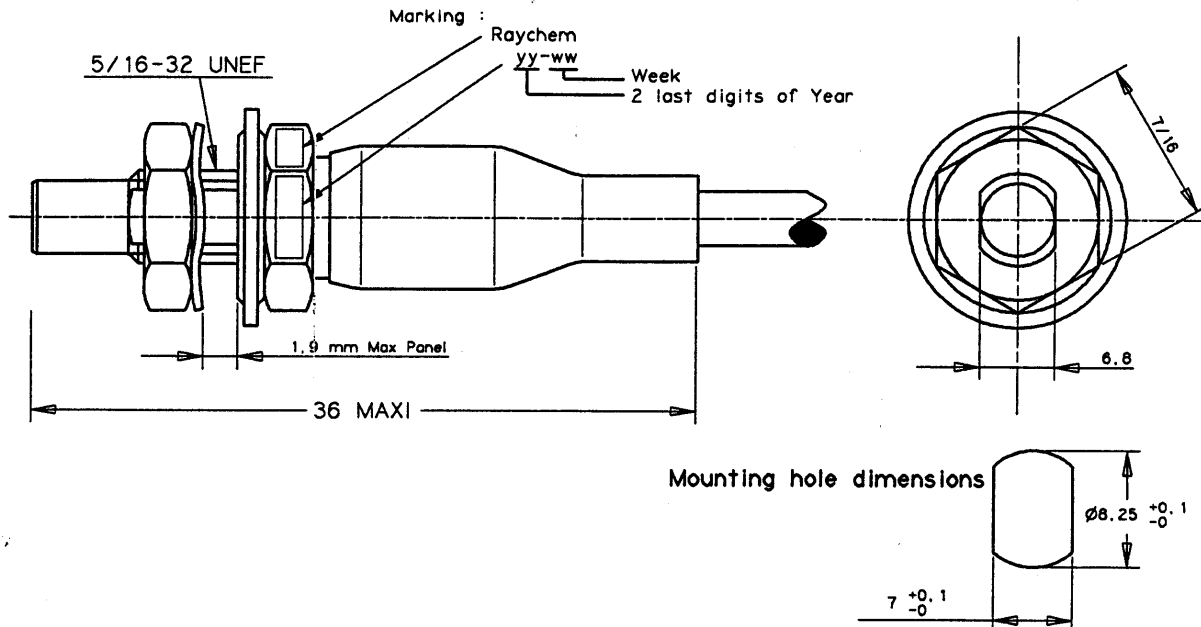
25/FEB/93

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 / Superscreened

Contact type

P : Pin
S : Socket

Coaxial cable

Serial Number

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Check with the web for latest revision.

Dimensions are in millimeters

DIFFUSION	DRAWN G. PONS Engineering	APPROVED R. DE COMTE Product Manager	REPLACES SCD Rev0 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

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ORIGINAL DOCUMENT

Raychem**SPECIFICATION
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A**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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