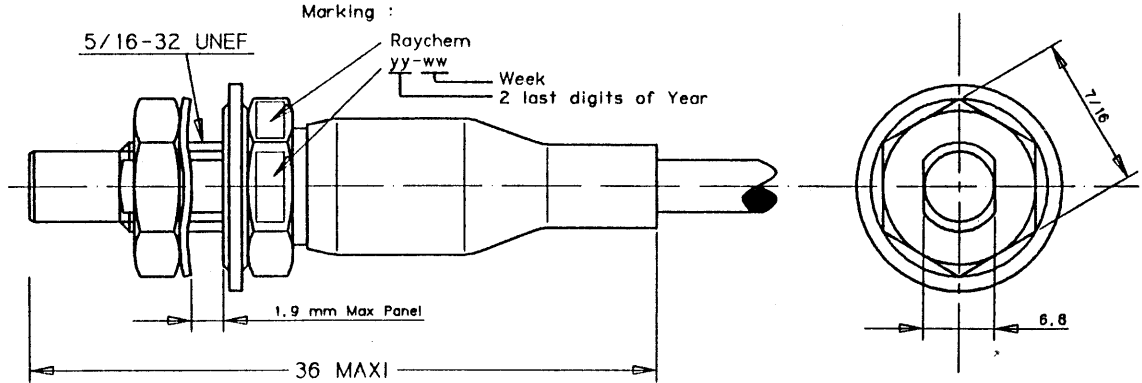


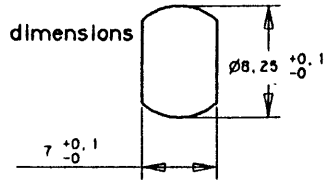
Raychem	SPECIFICATION CONTROL DRAWING	Product name	Date
		DK-3716-Ex02-Ty	06/SEP/91
			Revision \emptyset

THREADED, TRIAXIAL CONNECTOR
TO
AECMA EN 3716-003 SPECIFICATION

T18091

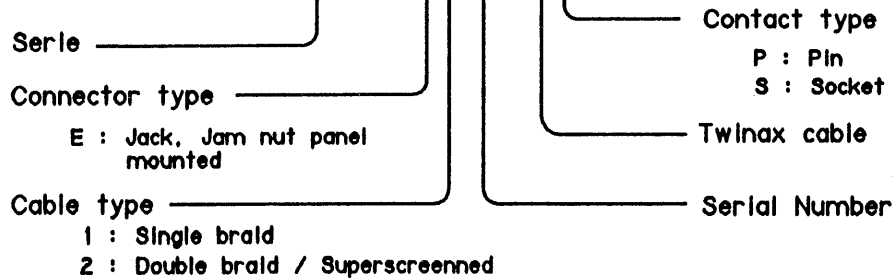


Mounting hole dimensions



PART NUMBERING SYSTEM

DK-3716-Ex02-Ty



RAYCHEM Part Numbering	AECMA Part Numbering
DK-3716-E102-TP	EN 3716-003-M-1
DK-3716-E202-TP	EN 3716-003-M-2
DK-3716-E102-TS	EN 3716-003-F-1
DK-3716-E202-TS	EN 3716-003-F-2

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Check with the web for latest revision.

Dimensions are in millimeters

DIFFUSION	DRAWN Ph. ROUCAUTE Engineering <i>Ph</i>	APPROVED R. DE CONTI Product Manager <i>R. De Conti</i>	REPLACES
	APPROVED Ph. GUILLON Development <i>Ph</i>	APPROVED B. DAUVILLIERS Quality Assurance <i>B. Dauvilliers</i>	PROJECT NUMBER CAD : 1R913702

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Raychem	SPECIFICATION CONTROL DRAWING	Product name DK-3716-Ex02-Ty	Date 06/SEP/01
			Revision Ø

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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
Passivated 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 shielded twisted pair AWG 26 to AWG 22.
2.2 Termination procedure : Raychem RPIP-695-00.

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-602-0126	Twinax, Pin
D-602-0127	Twinax, Socket

5 PERFORMANCE CAPABILITIES

5.1 Design to meet Raychem Performance Specification D-6025 and AECMA EN 3716-003.

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.

DIFFUSION

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