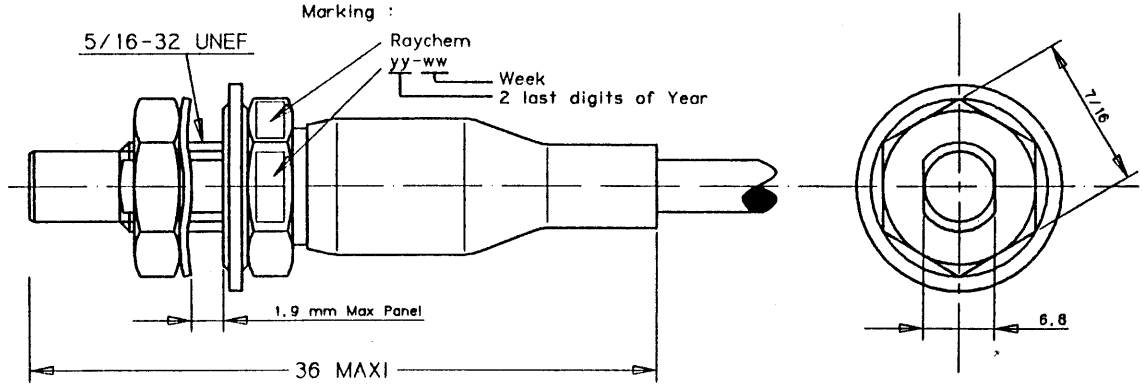


<b>Raychem</b>	SPECIFICATION CONTROL DRAWING	Product name	Date
		DK-3716-Ex02-Ty	06/SEP/91
			Revision $\emptyset$

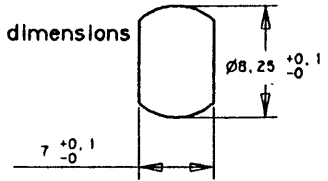
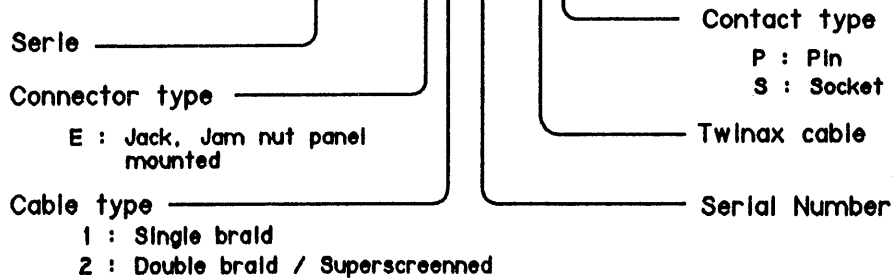
THREADED, TRIAXIAL CONNECTOR  
TO  
AECMA EN 3716-003 SPECIFICATION

T18091



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

**If this document is printed it becomes uncontrolled.  
Check with the web for latest revision.**

Dimensions are in millimeters

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

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<b>Raychem</b>	SPECIFICATION CONTROL DRAWING	Product name DK-3716-Ex02-Ty	Date 06/SEP/91 Revision Ø						
<b>1 MATERIALS AND FINISHES</b>		<b>If this document is printed it becomes uncontrolled. Check with the web for latest revision.</b>							
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.									
<b>2 WIRE ACCOMMODATIONS</b>									
2.1 The connector will terminate to a shielded twisted pair AWG 26 to AWG 22.									
2.2 Termination procedure : Raychem RPIP-695-00.									
<b>3 INTERMATEABILITY</b>									
3.1 This connector will mate with DK-3716-Fxxx-yy.									
<b>4 CONTACTS</b>									
4.1 This connector will accommodate the following Raychem contacts :									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Part No.</th> <th style="width: 50%;">Description</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">D-602-0126</td> <td style="text-align: center;">Twinax, Pin</td> </tr> <tr> <td style="text-align: center;">D-602-0127</td> <td style="text-align: center;">Twinax, Socket</td> </tr> </tbody> </table>				Part No.	Description	D-602-0126	Twinax, Pin	D-602-0127	Twinax, Socket
Part No.	Description								
D-602-0126	Twinax, Pin								
D-602-0127	Twinax, Socket								
<b>5 PERFORMANCE CAPABILITIES</b>									
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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