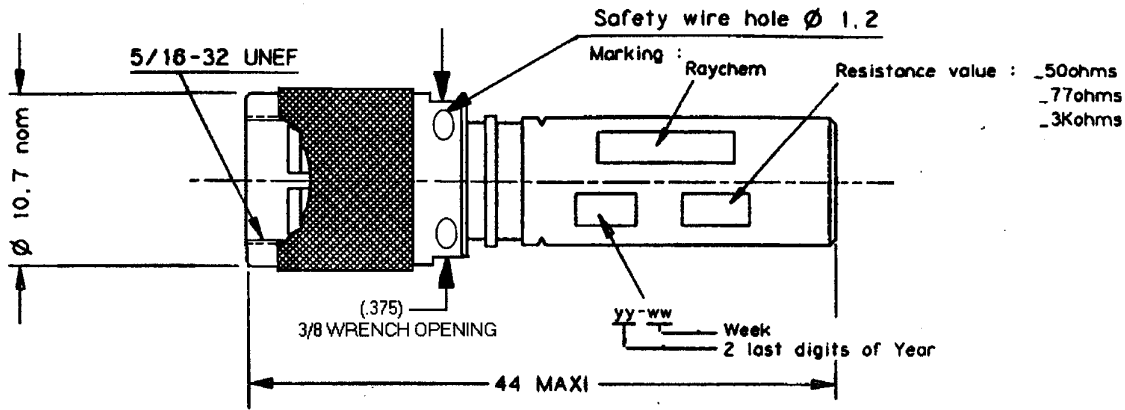
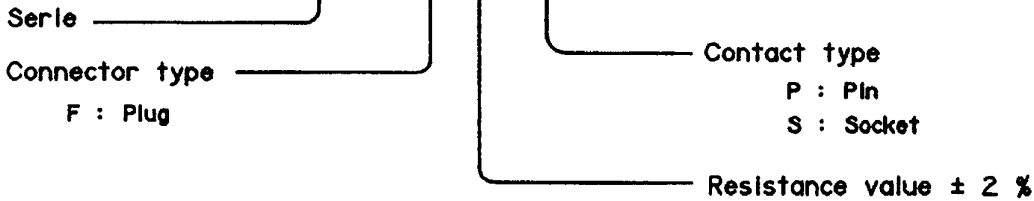


**THREADED, TRIAXIAL CONNECTOR RESISTOR TERMINATOR
TO
AECMA EN 3716-004 SPECIFICATION**



PART NUMBERING SYSTEM

DK-3716-Fxxx-y



- 050 : 50Ω
- 077 : 77Ω
- 03K : 3000Ω

RAYCHEM Part Numbering	AECMA Part Numbering
DK-3716-F050-P	EN 3716-004-M-50
DK-3716-F077-P	EN 3716-004-M-77
DK-3716-F03K-P	EN 3716-004-M-3K
DK-3716-F050-S	EN 3716-004-F-50
DK-3716-F077-S	EN 3716-004-F-77
DK-3716-F03K-S	EN 3716-004-F-3K

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Dimensions are in millimeters

DIFFUSION	DRAWN P. DIDOLLA <i>[Signature]</i> Engineering	APPROVED R. DE CONTI <i>[Signature]</i> Product Manager	REPLACES SCD Rev 0 of 08/SEP/91 BY ECO N°3635 of 17/JAN/92 REVISE PER DCR# T-24410 3/13/2000
	APPROVED G. BRUN <i>[Signature]</i> Engineering	APPROVED B. DAUVILLIERS <i>[Signature]</i> Quality Assurance	PROJECT NUMBER CAD : T24410a,b.TIF

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1 MATERIALS AND FINISHES

- 1.1 Housing Body: Copper Alloy per QQ-B-626
Tin Plated per MIL-T-10727
- 1.2 Coupling Nut: Copper Alloy per QQ-B-626
Nickel Plated per QQ-N-290
- 1.3 Insulation: Polyethersulfone
- 1.4 Resistor Cover: Stainless steel, type 303 per ASTM A582

2 INTERMATEABILITY

- 2.1 This connector will mate with DK-3716-Exxx-yy.

3 PERFORMANCE CAPABILITIES

- 3.1 Design to meet Performance Specification AECMA EN 3716-004.
- 3.2 General Characteristics
- 3.2.1 Maximum Operating Temperature : 150°C.
 - 3.2.2 Power Rating : 1 Watt .
 - 3.2.3 Insulation Resistance : 5000 megohms minimum.
 - 3.2.4 High Potential, Mated, Sea Level : 900 volts at 60 Hz.
 - 3.2.6 Connector Mating Coupling Torque : 1.13 m.N maximum.
 - 3.2.7 Insertion Force : 1.4 kg maximum.
 - 3.2.8 Withdrawal Force : 30 g maximum.
 - 3.2.9 Contact Retention Terminated : 9 kg minimum.
 - 3.2.10 Durability : 500 cycles.
 - 3.2.11 Weight : 19 g Max.

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