

MIL-C-55302

Materials, Finishes and Specifications

MATERIALS AND FINISHES

**Connector
Body:**

Polyphenylene sulfide per
MIL-M-24519, color black

Contacts:

Pin contacts:
copper alloy/brass alloy

Socket contacts:
beryllium copper alloy

Contact body:
brass alloy

Contact Finish: Per MIL-G-45204

Guides,

Screwlocks: Stainless steel per QQ-S-763
finish per MIL-F-14072
type Y "D-shaped" guide
socket, beryllium copper
per QQ-C-530; nickel plated
per QQ-N-290

ELECTRICAL SPECIFICATIONS

Contact Size: #22 AWG

Contact Rating: 5 amps.

Test Voltage: 1000 V rms. 60 Hz
at sea level
300 V rms. 60 Hz
at 70,000 ft.

Insulation

Resistance: 5000 megohms min.
@ 500 V DC

Temperature

Range: -65°C to +125°C

Other Electrical

Characteristics: Vibration, salt spray,
dielectric withstanding
voltage, contact resistance,
durability, humidity per
MIL-C-55302



Continental Connector Company, Subsidiary Of ASC Group, Inc.

53 La France Avenue ■ Bloomfield, New Jersey ■ 07003-5632 ■ Phone: (973) 429-8500 ■ FAX: (973) 743-2510

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MIL-C-55302 / 57

URR-FM Series

Female Body / Male Contact: .100" Centers — .050" offset

ORDERING INFORMATION

MIL-C-55302 / 57

B

CONTACT
TERMINATIONS:
A B C
(See bottom chart)

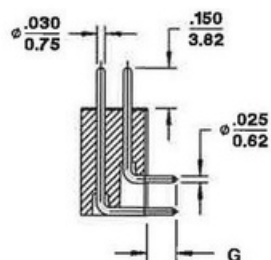
26

NUMBER OF
CONTACTS:
10-70

H

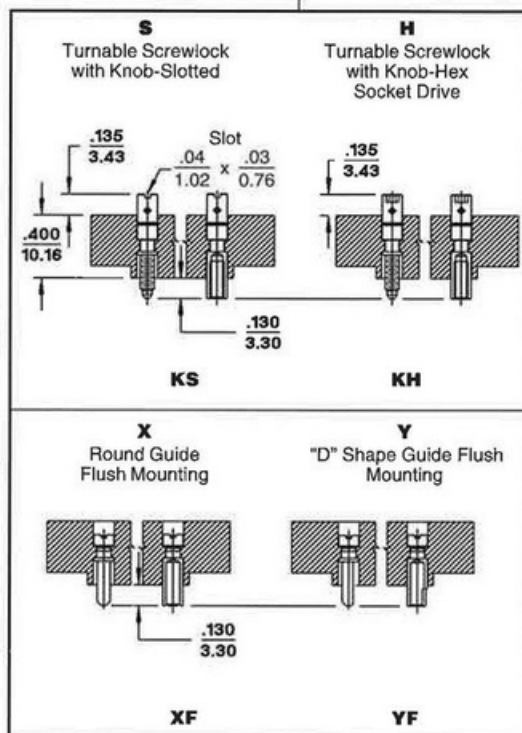
TYPE (H) OF
MOUNTING
HARDWARE

AVAILABLE CONTACTS



DIP SOLDER TERMINAL -
URR - MALE CONTACTS -
(RIGHT ANGLE)

Contact Style	Terminal Type	Contact Term		Extension G ±.010
		CCC	MIL-C	
Male	Rt. Angle Dip Solder	1	A	.110 (2.79)
	Rt. Angle Dip Solder	2	B	.140 (3.56)
	Rt. Angle Dip Solder	3	C	.172 (4.37)



Designation URR

RYTON
POLYPHENYLENE
SULFIDE
MIL-M-24519
TYPE GST-40F
COLOR BLACK
STANDARD

026

NUMBER OF
CONTACTS:
10-70

FM

BODY / CON-
TACT STYLE
DESIGNATION:
FM=FEMALE
BODY & MALE
PIN CONTACT

2

CONTACT
TERMINATION:
1, 2, 3

KH

OTHER TYPES
SHOWN ON
PG. 24



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