

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

MIL-C-55302 / 63

UMR-FM Series

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

Description: Straight through male connector without mounting ears.
 .100" (2.54) centers
 .050" (1.27) offset

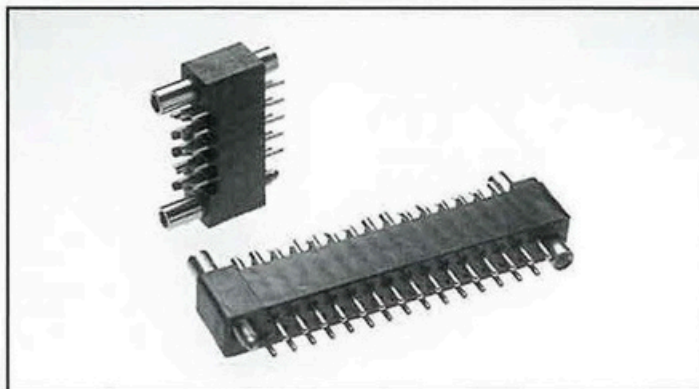
Contacts: 10-70

Hardware: See page 19

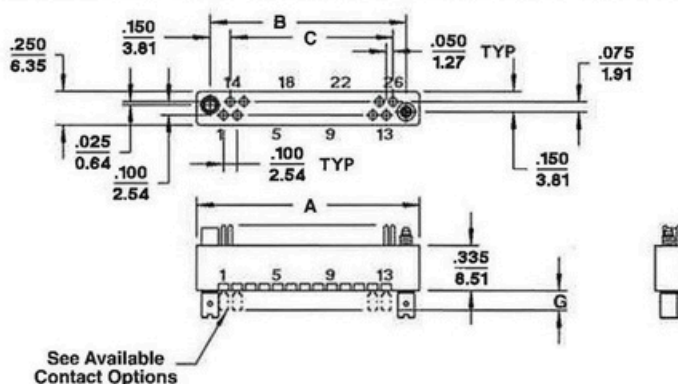
Contacts Termination: See page 19

Polarization Configuration: See page 22

Suggested Mounting: See below



OUTLINE



MIL-C-55302 / 63

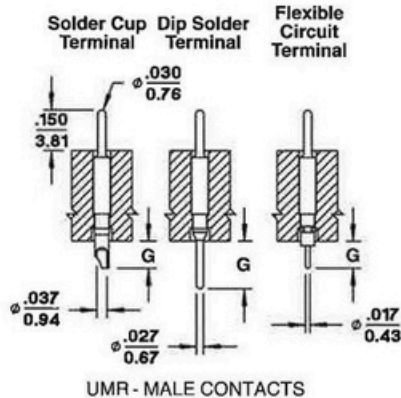
UMR-FM Series

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

ORDERING INFORMATION

MIL-C-55302 / 63

AVAILABLE CONTACTS



Contact Style	Terminal Type	Contact Term		Extension G ±.010
		CCC	MIL-C	
Male	Solder Cup	0	A	.100 (2.54)
	Dip Solder	2	B	.140 (3.56)
	Dip Solder	3	C	.172 (4.37)
	Flexible Circuit	5	D	.058 (1.47)
	Flexible Circuit	6	E	.100 (2.54)

C

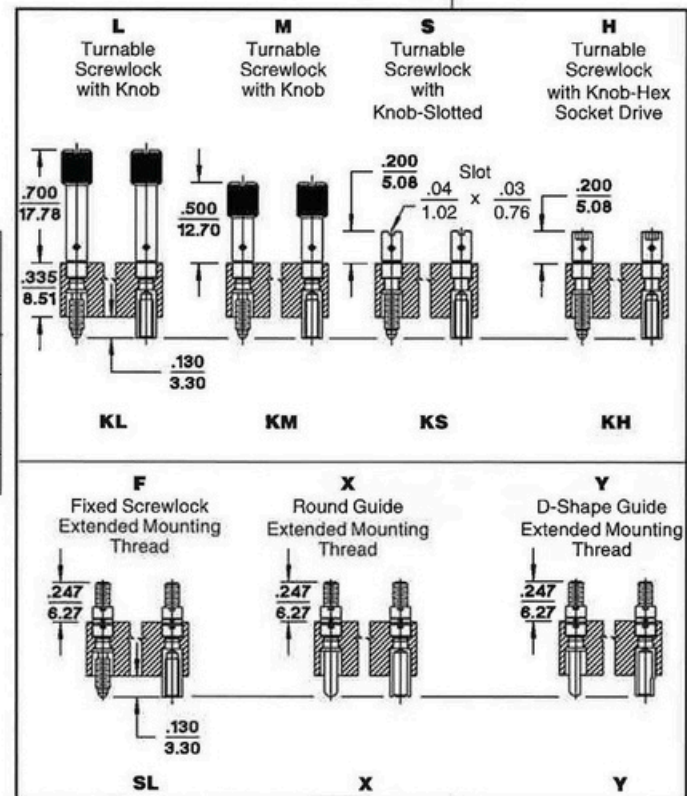
CONTACT TERMINATIONS:
A B C D E
(See bottom chart)

26

NUMBER OF CONTACTS:
10-70

H

TYPE (H) OF MOUNTING
HARDWARE



Designation UMR

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

026

NUMBER OF CONTACTS:
10-70

FM

BODY / CONTACT STYLE DESIGNATION:
FM-FEMALE
BODY-MALE PIN
CONTACTS

3

CONTACT TERMINATION:
0, 2, 3
5, 6

KH

TYPE OF MOUNTING
HARDWARE.
OTHER TYPES
SHOWN ON
PG. 24



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