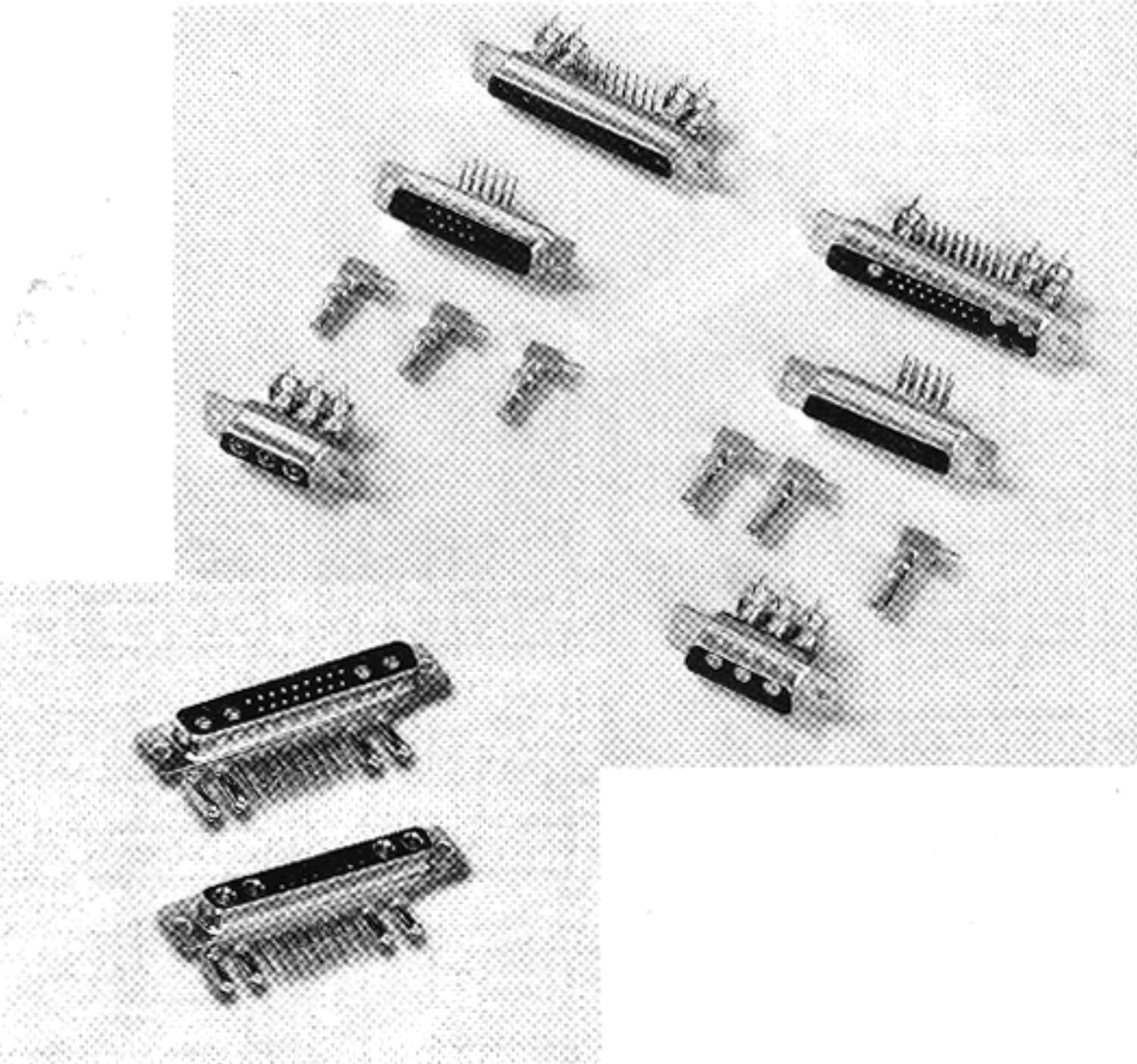


D-SUB MINIATURE COAXIAL CONNECTORS

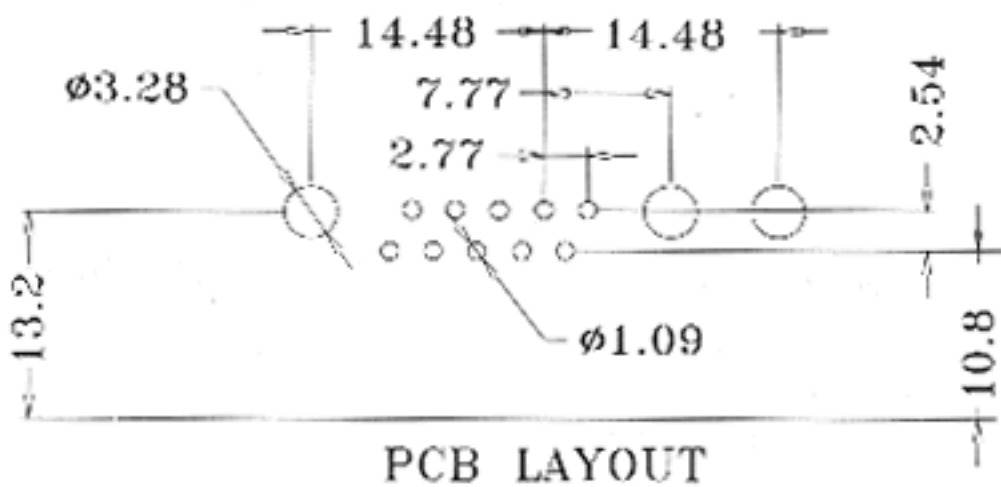
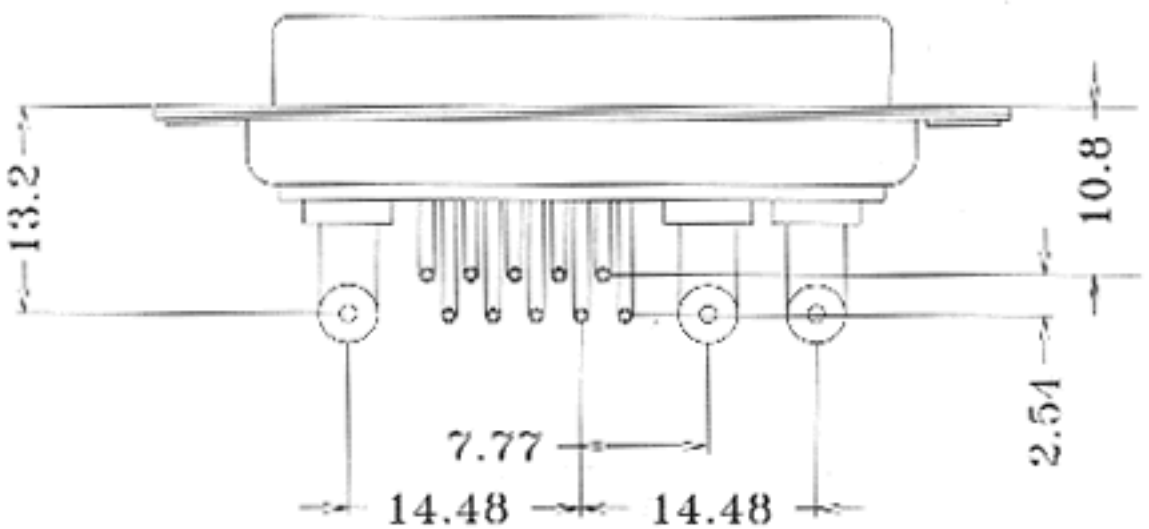
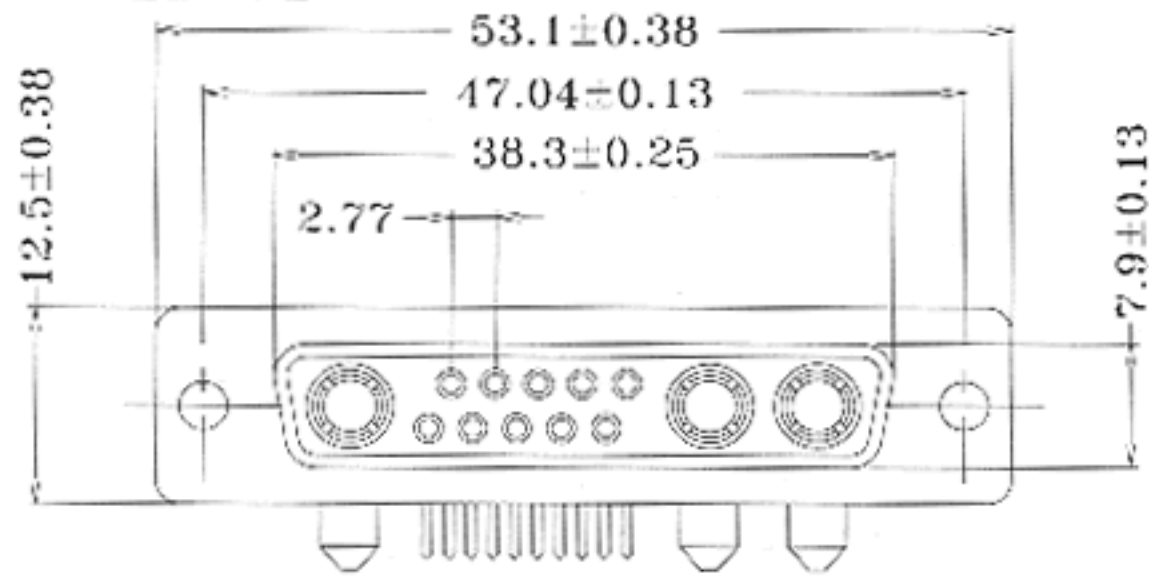
13W3DR Series

NOTE:
1. MATERIAL: HUSING-30% G.F. FILLED POLYESTER FLAME
RETARDANT UL 94V-0
COLOR: BLACK.
SHELL-STEEL
JACKNUT-BRASS
EARTHLUG-BRASS
SOCKET CONTACTS-PHOSPHOR BRONZE OR BRASS
COAXIAL CONTACT: BRASS
OUTER SHELL - PHOSPHOR BRONZE
INNER CONDUCTOR: BRASS
INSULATOR-P.O.M
2. FINISH: SHELL-5.0μ" (200μ" IN) MIN TIN
JACK NUT-1.27μ" (50μ" IN) MIN NICKEL
EARTHLUG-5.0μ" (200μ" IN) MIN TIN
CONTACTS-0.38μ" (15μ" IN) MIN GOLD (ONLY AT THE
MATING AREA) OVER 1.27μ" (950μ" IN) MIN NICKEL
3. ELECTRICAL CHARACTERISTICS
CONNECTOR.
CONTACT RESISTANCE: 20 mΩ MAX
INSULATION RESISTANCE: 5000MΩ MIN
OPERATING TEMPERATURE: -5°C - +105°C
COAXIAL CONTACT-CURRENT RATING: 3 A MAX
INSULATION RESISTANCE: 20MΩ MIN.
OPERATING TEMPERATURE: -5°C - +105°C
COAXIAL CONTACT-CURRENT RATING: 3 A
INSULATION RESISTANCE: 5000MΩ MIN
BREAKDOWN VOLTAGE: 1000V/min
IMPEDANCE UNDER: 500MHz
4. MECHANICAL CHARACTERISTICS
INSERTION & EXTRACTION: 12.7kg MAX
SOCKET CONTACT: 28g TO 340g
COAX CONTACT: 1kg TO 3kg
TORSION FORCE FOR SQUARE SCREW: 12KGFCM MIN



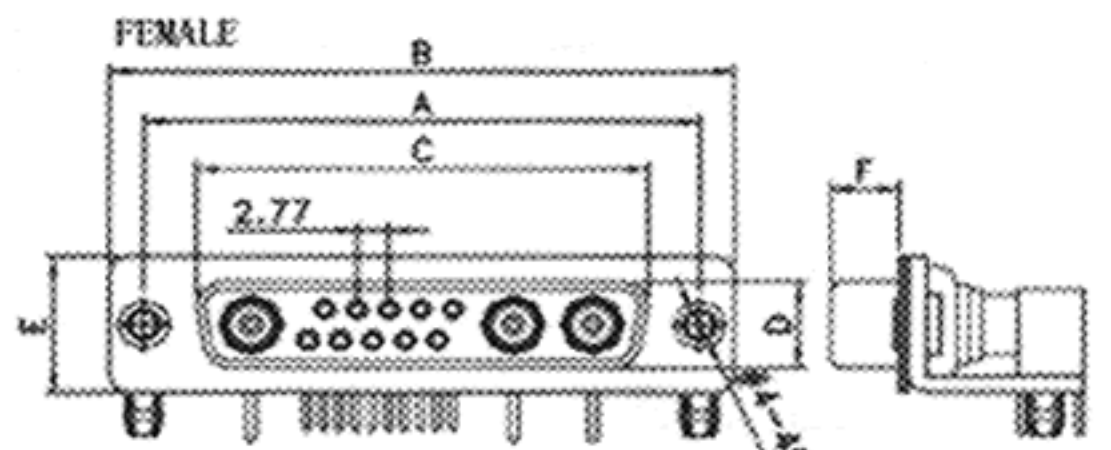
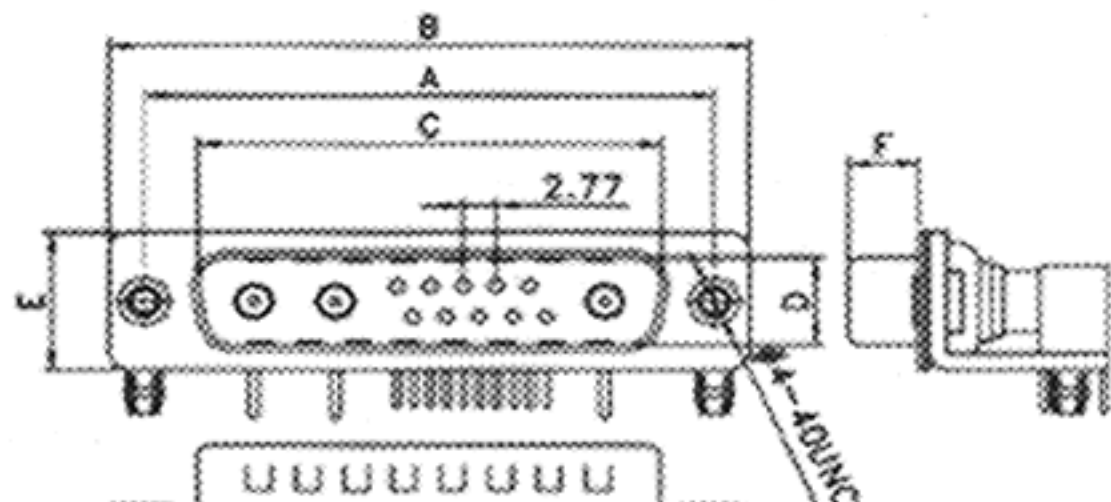
LARGE ELECTRIC CURRENT

FEMALE



COMMUNICATIONS

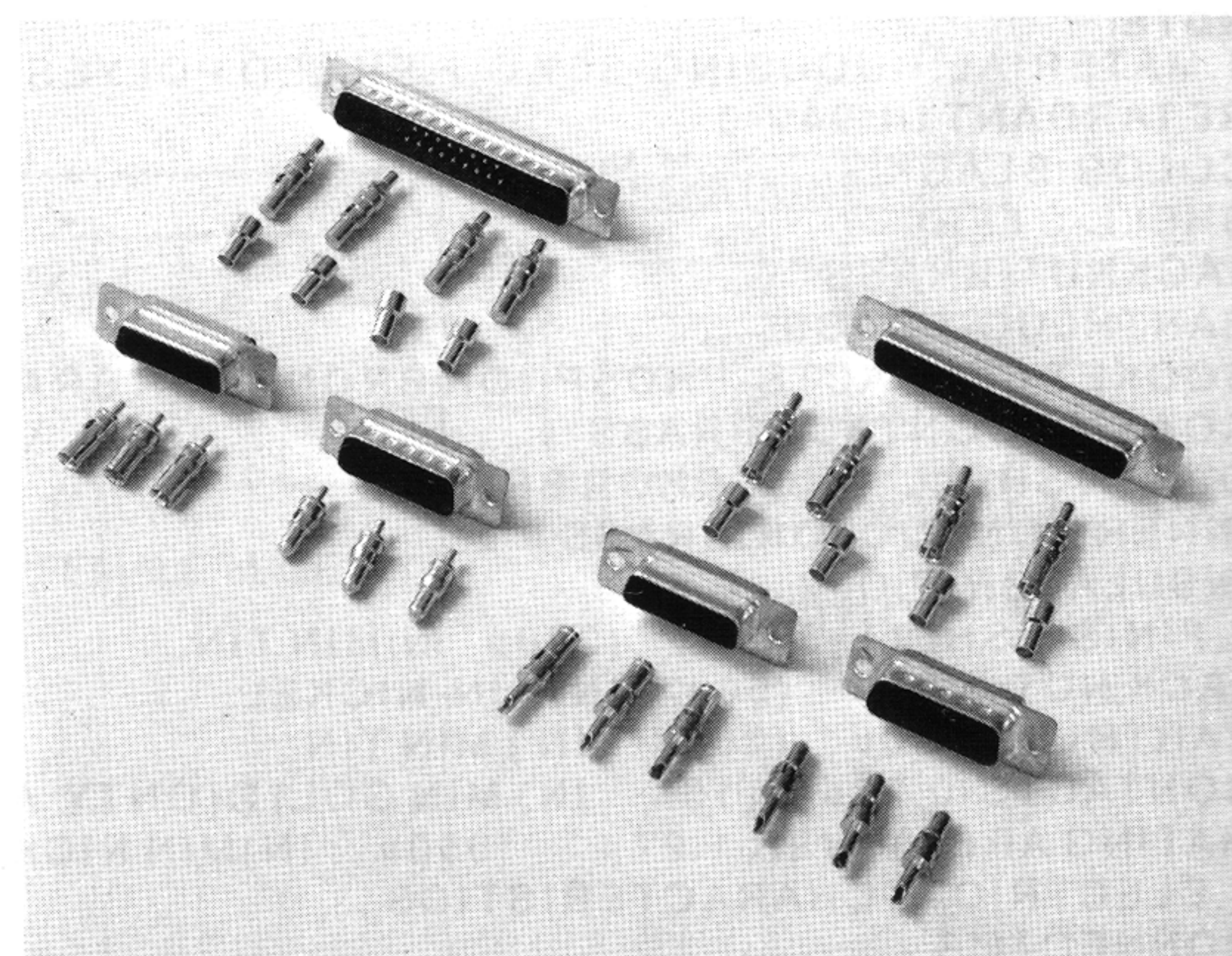
MALE



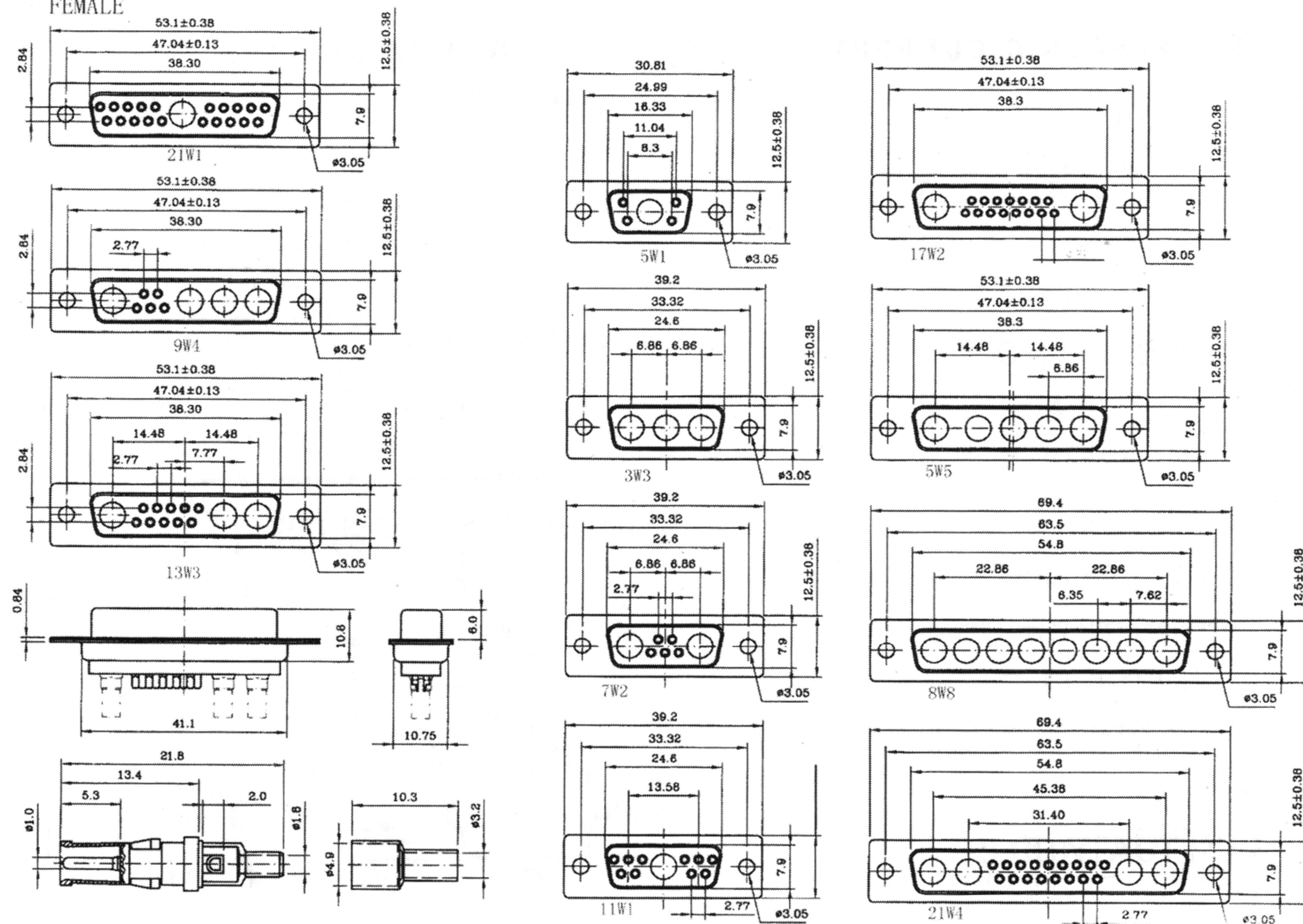
Shell Size	Series No	Connector Type	Dimension					
			A	B	C	D	E	F
15P	3W3 7W2 11W1	PLUG	33.32	39.2	25.25	8.3	12.5	6.0
		RECEPTACLE	33.32	39.2	24.6	7.9	12.5	5.8
25P	5W5 13W3 17W2	PLUG	47.04	53.1	38.96	8.3	12.5	6.0
		RECEPTACLE	47.04	53.1	38.3	7.9	12.5	5.8
37P	8W8 21W4 25W3	PLUG	63.5	69.4	55.42	8.3	12.5	6.0
		RECEPTACLE	63.5	69.4	54.8	7.9	12.5	5.8

xxWx DB Series

MALE



FEMALE



unit:mm

13W3

1

DB

2

10S

3

$P \times 3$

4

F

5

5.Contact Plated

F1:Gold Flash
F2:5u " Gold
F3:10u " Gold
F4:15u " Gold
F5:30u " Gold
(F:Full Gold)

D-SUB COAXIAL RIGHT ANGLE TYPE

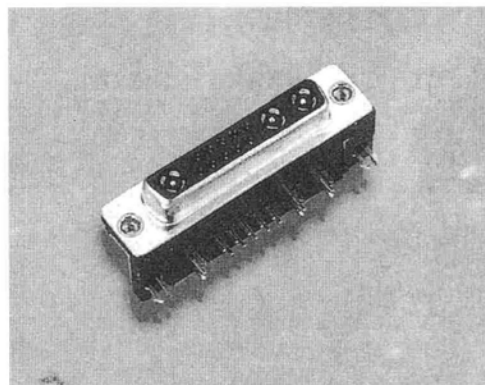
13W3DR Series

MATERIAL

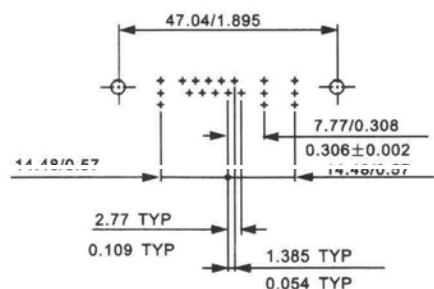
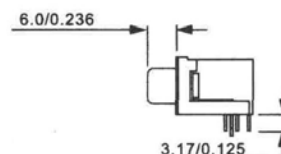
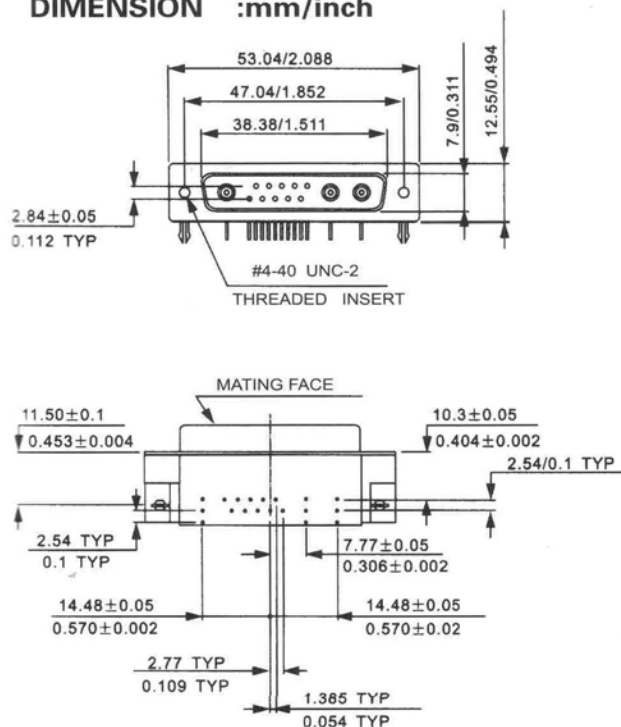
Insulator :PBT+30% Glass Fiber
(UL94V-0)
Contact :Phospor Bronze or
Brass
Contact Plated :Gold Over Nickel Steel,
Zinc plated or Tin
plated

SPECIFICATION

Current Rating: :5 A
Insulation Resistance :1000M Ω Min .At
:500V DC
Contact Resistance :20m Ω Max.
Dielectric Strength :500V Per minute
Operation Temperature :-40 $^{\circ}$ C - +105 $^{\circ}$ C



DIMENSION :mm/inch



NOTE: General Tolerance: $\pm 0.15/0.006$
P.C.B Layout Tolerance : $\pm 0.05/0.002$

Order Information

Combination Layouts	Series No	No.of Contacts	Contact type	P.C.B. Mounting	Contact Plated
13W3	DR	25	S	A	F1

S=Female
P=male

F1:Gold Flash
F2:5 μ " Gold
F3:10 μ " Gold
F4:15 μ " Gold
F5:30 μ " Gold
(F:Full Gold)

Remark:

P.C.B.Mounting Type:

A:GROUNDING BRACKET,WITH JACK SCREWS.

B:GROUNDING BRACKET. WITH#4-40 THTEADED INSRTS