

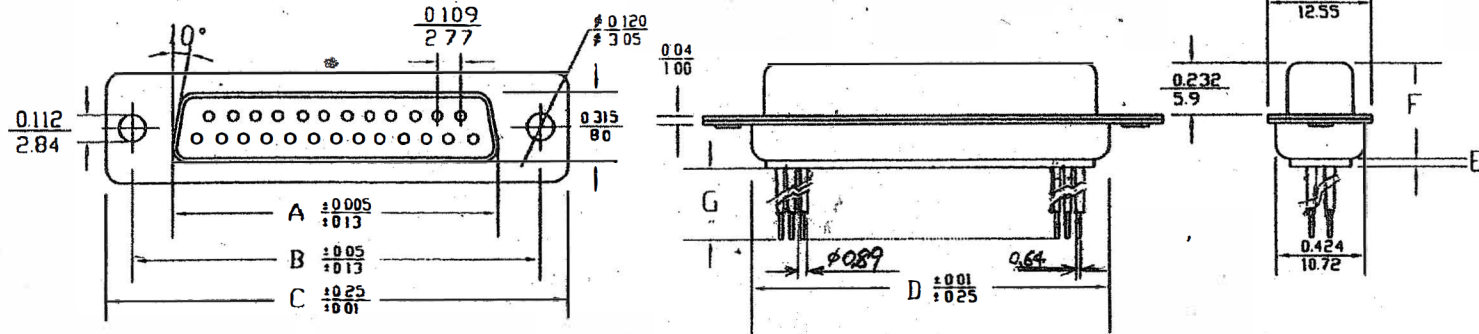



D-SUB FEMALE SOCKET CONNECTOR LONG TAIL STRAIGHT DIP TYPE MACHINED CONTACT
TAIL HIGH 9.4mm



MATERIAL & FINISH
SHELL: STEEL, TIN PLATED
PIN CONTACT:
BRASS
GOLD PLATED OVER NICKEL
INSULATOR:
PBT & GLASS-FINRE REINFORCED
NUMBER OF CONTACT:
9, 15, 25, 37
CURRENT RATING:
5 AMP.
DIELECTRIC STRENGTH:
1000V FOR ONE MINUTE
INSULATOR RESISTANCE:
100MΩ MIN. at 500V DC
TEMPERATURE:
-55°C ~ +105°C

POS:	A	B	C	D	E	F	G
009	16.33	24.99	30.81	19.28	1.2	11	9.4
015	24.66	33.32	39.14	27.51	1.2	11	9.4
025	38.38	47.04	53.04	41.3	1.2	11	9.4
037	54.84	63.50	69.32	57.71	1.2	11	9.4



	the vital component	REVISIONS			DRAWN BY	ENGINEER BY	SCALE	DRAWING NO.	REVISIONS	JOB NO.
	TITLE	DESCRIPTION 6/14/2016	DATE	APPROVED BY	<i>Tomy</i>					
	D-SUB Conn. Long Tail 9.4mm				CHECKED BY	APPROVAL	DATE		TOLERANCES	UNIT
								Sheet ___ of ___		mm



D-SUB CONNECTOR LONG TAIL STRAIGHT DIP TYPE " PLUG "MACHINED PIN
TAIL HIGH 9.4mm



MATERIAL & FINISH

SHELL: STEEL, TIN PLATED

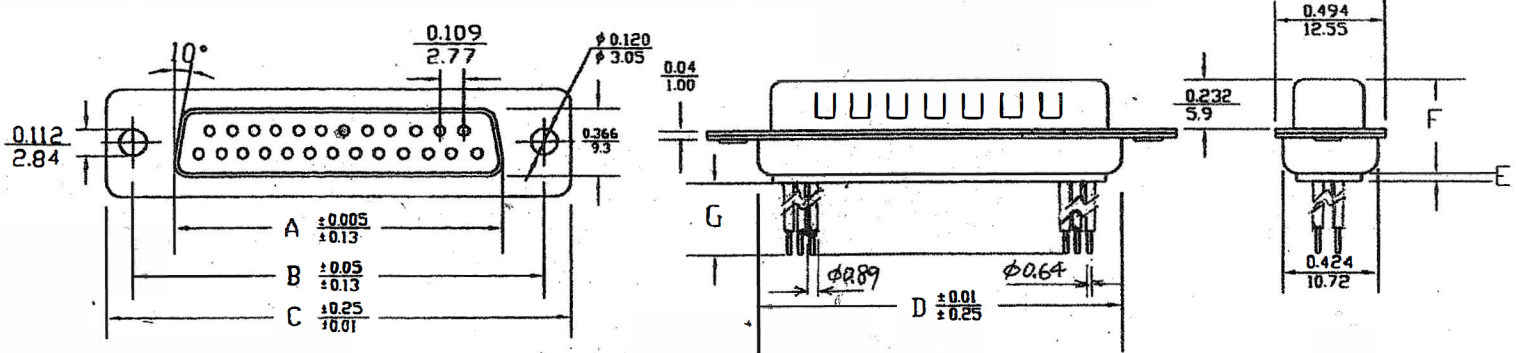
PIN CONTACT:
BRASS
GOLD PLATED OVER NICKEL

INSULATOR:
PBT & GLASS-FIBRE REINFORCED

NUMBER OF CONTACT:
9, 15, 25, 37

CURRENT RATING:
5 AMP
DIELECTRIC STRENGTH:
1000V FOR ONE MINUTE
INSULATOR RESISTANCE:
1000MΩ MIN. at 500V DC
TEMPERATURE:
-55°C ~ +105°C

POS:	A	B	C	D	E	F	G
009	16.92	24.99	30.81	19.28	1.2	11	9.4
015	25.25*	33.32	39.14	27.51	1.2	11	9.4
025	38.96	47.04	53.04	41.3	1.2	11	9.4
037	55.42	63.50	69.32	57.71	1.2	11	9.4



	the vital component	REVISIONS			DRAWN BY	ENGINEER BY	SCALE	DRAWING NO.	REVISIONS	JOB NO.
		DESCRIPTION	DATE	APPROVED BY						
		6/14/2016			Tony					
	TITLE				CHECKED BY	APPROVAL	DATE		TOLERANCES	UNIT
	D-SUB CONN. LONG TAIL 9.4 mm							Sheet—of—		mm

FEATURES

- The contact is a round pin and the pin insertion hole in the insulator is of the closed entry type, so that the connection is secure and reliable.
- The contacts are precision stamped or machined.
- Insulator is made of P.B.T. and glass fiber reinforced (UL 94V-0) providing superior heat and chemical resistance.
- Available contacts with 9, 15, 25, 37 and 50 positions.

PERFORMANCE CHARACTERISTICS

ELECTRICAL :

- **Current Rating**
: 5 Amp
- **Dielectric Withstanding Voltage**
: AC 1000 V min. (For 1 minute)
- **Insulation Resistance**
: 5000 M Ω min. (At 500V DC)
- **Contact Resistance**
: 15 m Ω max. mated
- **Working Temperature**
: - 55°C to + 105°C

MECHANICAL :

- **Insulator Material**
: P.B.T. and glass fiber reinforced (UL 94V-0)
- **Contact Material**
: Plug ... Brass
Receptacle ... Phosphor Bronze
- **Shell Material**
: Steel, Tin or Zinc plated
- **Durability**
: 100 Cycles min.
- **Mating and Unmating Force**

Contact Numbers	9	15	25	37	50
Mating Force (Kgf max.)	4.6	7.7	12.7	17.7	22.2
Unmating Force (kgf min.)	0.4	0.5	0.8	1.2	1.5

• ORDERING INFORMATION



8W0 009 PM- 3 4 1 SD

Series Number:

8W0 ... Wrap
D-Subminiature connector

Number of Contacts :

009 ... 9 Positions
015 ... 15 Positions
025 ... 25 Positions
037 ... 37 Positions
050 ... 50 Positions

Contact Types :

PM ... Machined contact (Plug)
SM ... Machined contact (Receptacle)

Color Codes :

3 ... Black 4 ... White

Contact Finish :

4 ... Gold flash all over

Metal Shell Finished :

1 ... Tin plated shell with grounding indents
4 ... Tin plated shell without grounding indents

Mounting Types :

SD.. Standard hole



THE VITAL COMPONENT