

HOW TO ORDER

Series No. No. of Pins Contact Type Shell Type Contact Plating SR Housing Color Nut Flange

F31 - 09 - F - M - S - S - BLU - N - 2

09 15 25
37 50

M:Male
F:Female

M:Metal
P:Plastic

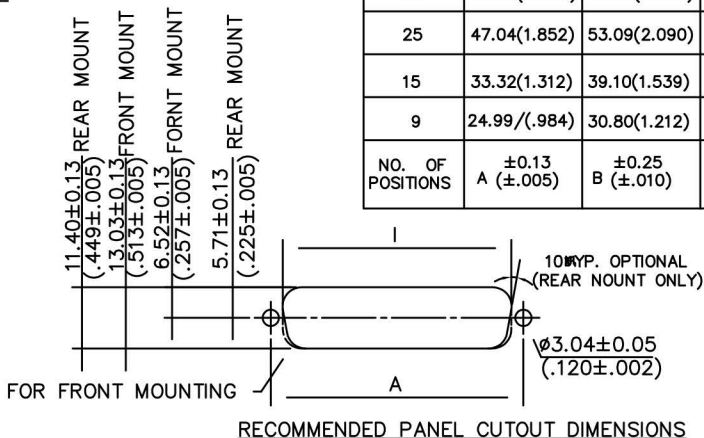
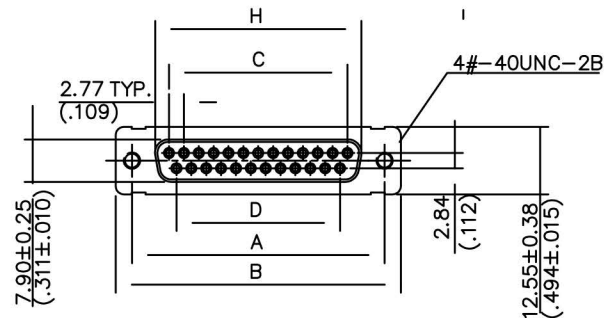
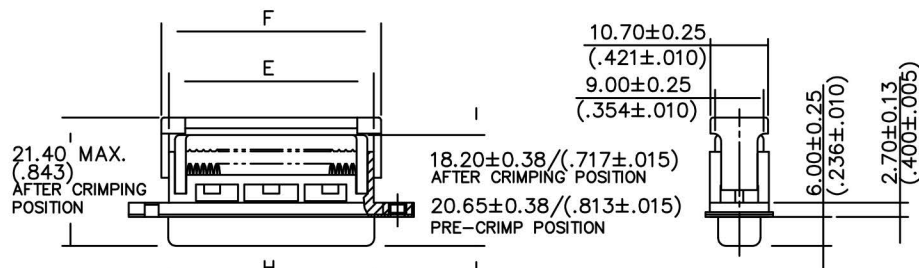
S:Selective

S:w SR

blank:Black
BLU: Blue

blank: w/o Nut
(for thick flange)
4:with 4-40 Nut
M:with M3 Nut

blank:thin
2:thick (for w/o nut noted)



37	63.50(2.500)	69.40(2.732)	49.86/(1.963)	47.09/(1.854)	54.60/(2.150)	57.10/(2.248)
25	47.04(1.852)	53.09(2.090)	33.24/(1.309)	30.47/(1.200)	38.14/(1.502)	40.90/(1.610)
15	33.32(1.312)	39.10(1.539)	19.39/(.763)	16.62/(.654)	24.00/(.945)	26.60/(1.047)
9	24.99/(.984)	30.80(1.212)	11.08/(.436)	8.31/(.327)	16.10/(.634)	18.60/(.732)
NO. OF POSITIONS	A ±0.13 (±.005)	B ±0.25 (±.010)	C ±0.13 (±.005)	D ±0.13 (±.005)	E ±0.25 (±.010)	F ±0.25 (±.010)

54.84/(2.159)	59.08/(2.326)	60.73/(2.391)
38.38/(1.511)	42.52/(1.674)	44.27/(1.743)
24.66/(.971)	28.80/(1.134)	30.53/(1.202)
16.33/(.643)	20.47/(.806)	22.20/(.874)
H ±0.25 (±.010)	I ±0.13/(.005) REAR MOUNTING	I ±0.13/(.005) FRONT MOUNTING

SPECIFICATION

CURRENT RATING : 1 AMP.
INSULATOR RESISTANCE : $\geq 1000M\Omega$ MIN.(AT 500 V DC)
DIELECTRIC WITHSTANDING VOLTAGE : AC 500 V MIN. (FOR 1 MINUTE)
OPERATING TEMPERATURE : -55°C TO 105°C
CONTACT RESISTANCE : $\leq 15m\Omega$ MAX.
INSULATOR MATERIAL : PBT WITH GLASS-FIBER REINFORCED UL 94V-0
COLOR : BLACK , BLUE , GRAY (OPTIONAL)
CONTACT MATERIAL : PHOSPHOR BRONZE
CONTACT PLATING : GOLD OVER NICKEL
WIRE SIZE : AWG 26 & 28 STRANDED , 1.27mm CONDUCTOR CENTRE FLAT CABLE

REV.	CONTENTS	DATE	 Technical Data Sheet			
	Drawn	Lisa				
	Designed	Nelson	Title: IDC D-SUB FEMALE CONNECTOR WITH METAL SHELL			
	Approval	Vincent				
UNLESS OTHERWISE SPECIFIED TOLERANCE Inch: .000 = ±0.01 .0000 = ±0.0050 mm: .00 = ±0.25 .000 = ±0.130 Ang: 0.0 = ±2°	Rev:	A	Part No	F31-xx-F-x-x-S-x-4	Sheet	1
	Units	mm	Date:	19-07-2001	Scale	: Size A4