



RECOMMENDED P.C.B LAYOUT

INSPECTION DIMENSION:(A)~(M)

UNLESS OTHERWISE SPECIFIED TOLERANCE
mm:
.00 = ±0.25
.000 = ±0.13
Ang:
0.0 = ±2'

SPECIFICATIONS

- VGA
 - Voltage: 250 VAC(RMS) Max.
 - Current Rating: 3 Ampere per Contact
 - Contact Resistance: 25 Milliohms Max.
 - Insulation Resistance: 5000 Megohms Min.
 - Dielectric Withstanding Voltage: 1000V AC(RMS)
 - Total Mating Force: 6.0 Kgf Max.
 - Total Unmating Force: 1.2 Kgf Min.
 - Operating Temperature: -55°C to +85°C
- DVI
 - Voltage: 40 VAC(RMS) Max.
 - Current Rating: 1.5 Ampere per Contact
 - Contact Resistance: 20 Milliohms Max.
 - Insulation Resistance: 1000 Megohms Min.
 - Dielectric Withstanding Voltage: 500V DC(RMS)
 - Total Mating Force: 4.5 Kgf Max.
 - Total Unmating Force: 1.0 Kgf Min.
 - Operating Temperature: -55°C to +85°C

NOTES

- MATERIAL:
 - Housing(VGA):PBT, UL 94V-0, Color:Blue.
 - Housing(DVI):PBT, UL 94V-0, Color:Ivory.
 - Terminal:Copper Alloy.
 - Shell:SPCC.
 - Boardlock:Copper Alloy.
 - Bracket:Zinc Alloy.
 - Screw:Copper Alloy.
- FINISH:
 - Terminal:Gold Plated over Nickel at Contact Area.
 - Tin Plated over Nickel at Solder Ared.
 - Shell:Nickel Plated.
 - Boardlock:Tin Plated.
 - Bracket:Nickel Plated.
 - Screw:Nickel Plated.
- This Product is LEAD-FREE & RoHS Compliance Product.

2D205XXXXX 1XXXXXXN0

SERIES NO. _____

TOP CONNECTOR TYPE

1P: 9-POS. MALE (9P)
1S: 9-POS. FEMALE (9S)
6S: 15-POS. HI-DEN FEMALE (H15S)

BOTTOM CONNECTOR TYPE

V2: 24-POS. FEMALE (DIGITAL)
V4: 29-POS. FEMALE (ANALOG)

SPACING BETWEEN PORTS
TYPE C-C (PROFILE)

A: 15.88 mm(0.625")
C: 20.40 mm(0.80")

CONTACT MATERIALS

1: BRASS
P: SIMPLE PIN & BRASS

CONTACT FINISH

1: G/F BRIGHT TIN
3: 15u" GOLD BRIGHT TIN
4: 30u" GOLD BRIGHT TIN

FRONT SHELL FINISH

1: TIN
2: NICKEL

N: IT'S COMPLIANT WITH RoHS

INSULATOR MATERIALS

1: PBT
3: PA6T
C: UPPER-PBT, LOWER-PA6T

COLOR STYLE

1: ALL BLACK
C: UPPER-BLACK, LOWER-IVORY
F: UPPER-BLUE, LOWER-IVORY
J: UPPER-GREEN, LOWER-IVORY

FLANGE MOUNTING OPTION

1: #4-40 THREADED HOLE
2: M3 THREADED HOLE
A: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK INSTALLED (4.8x11.8)
B: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK BULK-PACKED (4.8x11.8)
E: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK INSTALLED (5.8x13.0)
F: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK BULK-PACKED (5.8x13.0)
G: M3 THREADED HOLE WITH M3 SCREWLOCK INSTALLED (5.8x13.0)

BOARD MOUNTING OPTION

A: QUAD ARROWHEAD BOARDLOCK (8.08x8.0)

Singatron Enterprise Co., Ltd.				
TITLE	D-SUB HIGH DENSITY 15 FEMALE /DM-I FEMALE RIGHT ANGLE			
DWN	Shao Jianfeng	PART NO.	2D205XXXXX1XXXXXXN0	
CHKD	He Wei	SCALE	1:1	UNIT: mm
APVD	Lee Jun De	SIZE:	A3	SHEET: 1 OF 1
REV.	CONTENTS	DATE	CUSTOMER COPY	

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