



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

1. VGA
 - 1.1 Voltage: 250 VAC(RMS) Max.
 - 1.2 Current Rating: 3 Ampere per Contact
 - 1.3 Contact Resistance: 25 Milliohms Max.
 - 1.4 Insulation Resistance: 5000 Megohms Min.
 - 1.5 Dielectric Withstanding Voltage: 1000V AC(RMS)
 - 1.6 Total Mating Force: 6.0 Kgf Max.
 - 1.7 Total Unmating Force: 1.2 Kgf Min.
 - 1.8 Operating Temperature: -55°C to +85°C
2. DVI
 - 2.1 Voltage: 40 VAC(RMS) Max.
 - 2.2 Current Rating: 1.5 Ampere per Contact
 - 2.3 Contact Resistance: 20 Milliohms Max.
 - 2.4 Insulation Resistance: 1000 Megohms Min.
 - 2.5 Dielectric Withstanding Voltage: 500V DC(RMS)
 - 2.6 Total Mating Force: 4.5 Kgf Max.
 - 2.7 Total Unmating Force: 1.0 Kgf Min.
 - 2.8 Operating Temperature: -55°C to +85°C

NOTES

1. 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.
2. FINISH:
 - Terminal:Gold Plated over Nickel at Contact Area.
 - Tin Plated over Nickel at Solder Area.
 - Shell:Nickel Plated.
 - Boardlock:Tin Plated.
 - Bracket:Nickel Plated.
 - Screw:Nickel Plated.
3. This Product is LEAD-FREE & RoHS Compliance Product.

2G205XXXXX 1XXXXXX0

SERIES NO. _____

TOP CONNECTOR TYPE
 00: NONE
 1P: 9-POS. MALE (9P)
 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")

CONTACT MATERIALS
 P: SIMPLE PIN & BRASS

CONTACT FINISH
 1: G/F BRIGHT TIN
 3: 15u" GOLD BRIGHT TIN
 4: 30u" GOLD BRIGHT TIN
 7: G/F MATTE TIN

FRONT SHELL FINISH
 1: TIN
 2: NICKEL

INSULATOR MATERIALS
 1: PBT
 2: LCP
 4: PAGT
 B: UPPER-PBT, LOWER-PAST
 C: UPPER-PBT, LOWER-PAST

COLOR STYLE
 1: ALL BLACK
 C: UPPER-BLACK, LOWER-IVORY
 F: UPPER-BLUE, 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)
 C: M3 THREADED HOLE WITH M3 SCREWLOCK INSTALLED (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)

BOARD MOUNTING OPTION
 A: QUAD ARROWHEAD BOARDLOCK (8.08x8.0)

Singatron Enterprise Co., Ltd.

TITLE	D-SUB HIGH DENSITY 15 FEMALE /DVI-I FEMALE RIGHT ANGLE			
DWN	2010.03.22	PART NO.2G205XXXXX1XXXXXX0		A
CHKD	He Wei	SCALE 1:1	UNIT: mm	⊕ ↻
APVD	Lee Jun De	SIZE: A3	SHEET:1 OF 1	REV: AO
CUSTOMER COPY				

REV.	CONTENTS	DATE
AO	An issue.	2010.03.22