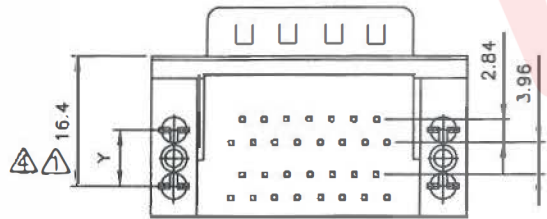


SPECIFICATION

MATERIAL
 Insulator: Thermal Plastic UL94V-0
 Contacts: Copper Alloy
 Shell: Steel
 Rivet, Boardlock: Copper Alloy
CONTACT PLATING
 Underplate: 50u"~100u" Nickel
 Contact Area: 1u"~30u" Selective Gold
 Solder Tails Area: 100u"~200u" Tin(Lead Free)
ELECTRICAL
 Operation Voltage: 250 VAC Max.
 Current Rating: 3 Amps Max.
 Contact Resistance: 25 mohms Max.
 Insulation Resistance: 3000 Mohms Min. @ 500 VDC
 Dielectric Withstanding Voltage: 1000 VAC / Minute
 Temperature Range: -55°C To +105°C
 PART NO.

213 A X XX A X X X X X X 3
 1 2 3 4 5 6 7 8 9 10 11

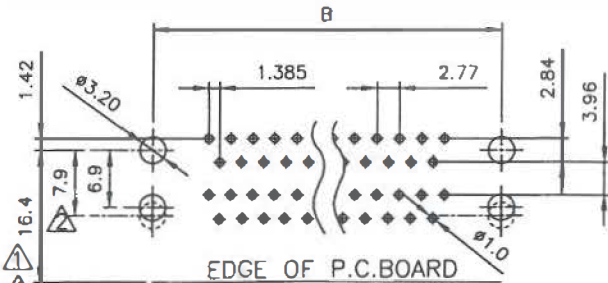
- 1. SERIES NO.
- 2. TYPE:
 A=Standard(PBT)
 H=PA9T
- 3. GREEN OPTION:
 J=SONY SS-00259(Reserved)
 K=SONY SS-00259(Matte Tin)
 (Reserved)
 E=RoHS
 F=RoHS(Matte Tin)
- 4. CONTACT NUMBER:
 09=09/09
 15=15/15
 25=25/25
 37=37/37
- 5. CONTACT TYPE:
 A=M/M
- 6. CONTACT AREA PLATING:
 G=Gold Flash
 S=Gold Flash (Selective)
 A=5u" Gold (Selective)
 B=10u" Gold (Selective)
 C=15u" Gold (Selective)
 Q=30u" Gold (Selective)
- 7. TYPE:
 A=Standard(Tin Shell)
 C=Nickel Shell
 Z=Zinc Shell
- 8. PORT SPACING:
 DIM. OF "X"
 A=15.875mm(0.625")
 B=19.05mm(0.75")
 C=22.86mm(0.9")
- 9. PROCESS OPTION:
 DIM. OF "Y"
 A=Dual Boardlocks
 (Center Line 6.9mm)
 D=Dual Boardlocks
 (Center Line 7.9mm)
- 10. PARTS DIMENSION:
 A=Non-Acse series
 B=Loose Hex-Screws(4.8*11.8)
 D=Loose Hex-Screws(5.8*12.0)
 F=Loose Hex-Screws
 (4.8*11.8) M3 Iner Tre d
 H=Loose Hx-Screws
 (5.8*12.0) M3 Iner Tread
 K=Loose Hx-Screws
 (4.8*11.8) M2.6 Iner Tread
 L=Loose Hx-Screws
 (5.8*12) M2.6 Iner Tread
 M=Loose Hx-Screw
 (6.1*12) M2.6 Iner Tread
- 11. INSULATOR: 3=Black



PARTS DIMENSION TABLE

parts no.	DIM. a	DIM. b	inner thread	out thread
B	4.8	11.8	4#40	4#40
D	5.8	12.0	4#40	4#40
F	4.8	11.8	M3	4#40
H	5.8	12.0	M3	4#40
K	4.8	11.8	M2.6	4#40
L	5.8	12.0	M2.6	4#40
M	6.1	12.0	M2.6	4#40

POSITION	A	B	C
9A	16.92	25.00	30.8
15A	25.25	33.30	39.2
25A	38.96	47.10	53.1
37A	55.42	63.50	69.4



RECOMMENDED P.C.B LAYOUT (TOP VIEW)
 TOLERANCES: ±0.05mm

PORT SPACING
 DIM. OF "X"

A	15.875
B	19.05
C	22.86

UNLESS OTHERWISE SPECIFIED TOLERANCE

ANG.	TOL.
0.	±5°
.0	±0.5
.0	±0.3
.00	±0.2

SCALE: AS SHOWN UNIT: mm

the vital component

DRAWN NAME: D-SUB DUAL PORT

PRODUCT NO. 213XXXXAXXXX3

FILE NAME: 213AKXXXXAAA3(GA)

REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	SIZE	REV.
J	ECN-0511181(Kelly) (7,F)(7,E)	11/29/05				A4	L
I	ECN-0502025(Patrick) (7,F)(7,E)	02/03/05	L	ECN-0807005(Luke) (5,B)(9,C)	06/30/08		
H	ECN-0308103(Kelvin)	08/28/03	K	ECN-0609044(Mingli) (6,E)	08/30/06		