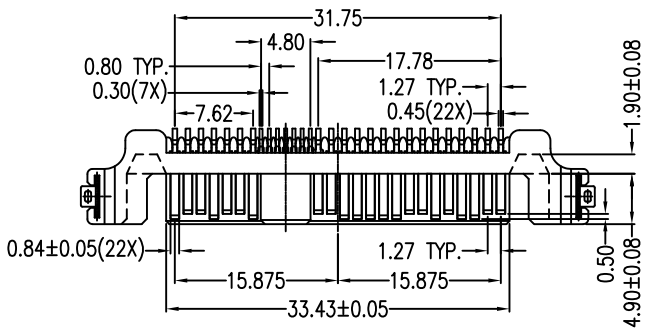
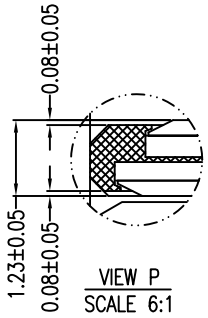
REV.	ECN.NO.	DATE
A	RELEASED	07/01/05
B	Drawing Modify Modify some notes	01/11/06
C	Add Tolerance Modify Notes Add Pin Definition	09/08/10

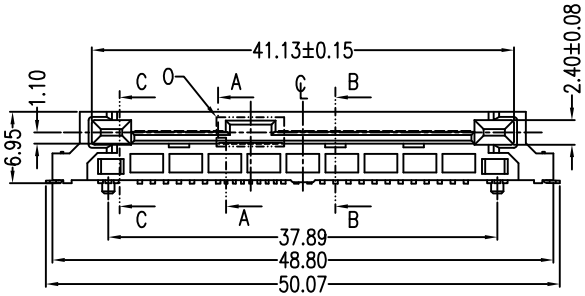


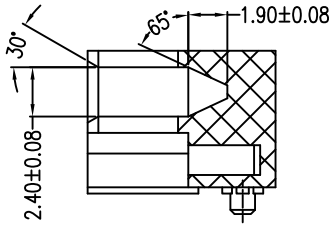


VIEW P
SCALE 6:1

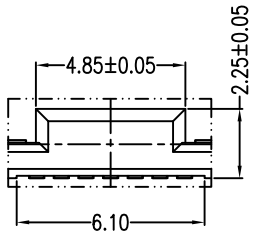
Signal Segment	
Pin NO.	Type
S1	GND
S2	A+
S3	A-
S4	GND
S5	B-
S6	B+
S7	GND
S8	GND
S9	A+
S10	A-
S11	GND
S12	B-
S13	B+
S14	GND

Power Segment	
Pin NO.	Type
P1	V33
P2	V33
P3	V33
P4	GND
P5	GND
P6	GND
P7	V5
P8	V5
P9	V5
P10	GND
P11	DAS/DSS
P12	GND
P13	V12
P14	V12
P15	V12

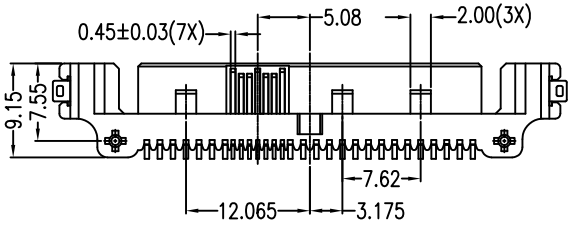


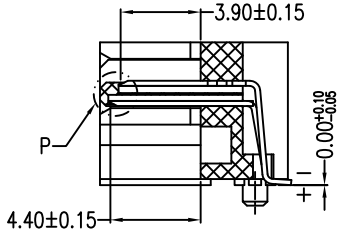


SECT C-C
SCALE 2:1

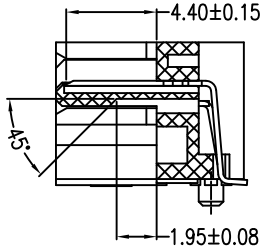


VIEW O
SCALE 3:1





SECT A-A
SCALE 2:1



SECT B-B
SCALE 2:1

NOTES:

*Material

Housing: LCP+50%G.F, UL 94V-0 rated, Color: Black;
Contact: Brass;
Plating:Gold plating on contact area,Tin(100u" min.) plating on solder tail,Nickel (40u" min.) underplating overall
Harpoon: Phosphor Bronze;
Plating: Tin plating(100u" min.) over Nickel(40u" min.).

*Mechanical

Insertion Force: 25N max.
Withdrawal Force: 5N min.
Durability: 500 cycles

*Electrical Specification

Current Rating: 1.5 Ampere per contact;
Contact Resistance: 30 mΩ max.
Insulation Resistance: 1000 MΩ min.
Dielectric Withstanding Voltage: 500 VAC.

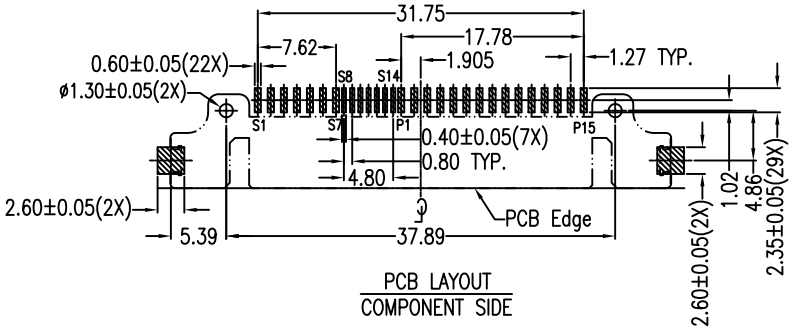
*Environmental

Operating Temperature: 0°C to +55°C

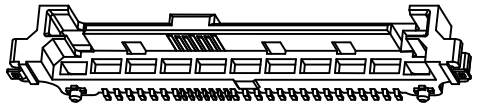
*How to order

2SAS-M29-R3S-00

- Gold F:Flash 5:15u" 3:30u"
- Number of Contacts
- Series No.



PCB LAYOUT
COMPONENT SIDE



Units	mm	Scale	5:4
Tolerance Unless Otherwise Specified			
.X	~	±0.38	
.XX	~	±0.25	
.XXX	~	±0.20	
Angle	~	± 3°	

Drawing By	Data
Lulu	09/09/10
Reviewed By	Data
Sharon	09/09/10
Approval By	Data
Jason	09/09/10

SINGATRON U.S.A.

Date	09/08/10	Title	SAS 7+15+7P MALE SMT REVERSE TYPE (H=6.95mm)
Sheet	1 of 1		
Third Angle Projection			
		Drawing No.	2SAS-M29-R3S-00 REV C