

REV.	ECN.NO.	DATE
A	RELEASED	05/29/07
C	Modify Current Rating Add Tolerance Modify Notes Add Pin Definition	09/08/10
D	Modify View	05/14-'14

NOTES:

***Material**

Housing: LCP, UL 94V-0 rated, Color: Black;
 Contact: Phosphor Bronze;
 Plating: Au plating on contact area,
 Sn (100u" Min.) plating on solder tail,
 Ni (40u" Min.) underplating overall.
 Harpoon: Phosphor Bronze;
 Plating: Sn (100u" Min.) plating over.
 Ni (40u" Min.) underplating overall.

***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

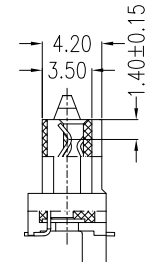
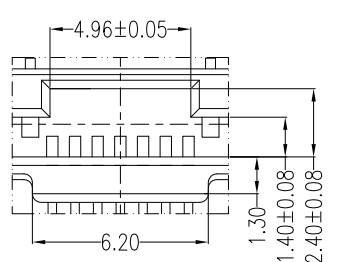
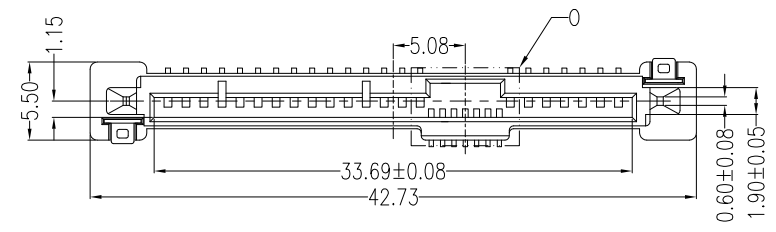
***How to order**

WSAF-29F6L1PU 3

- 3:Tray
- W:Winning Mark Blank:No Mark
- U:Lead Free
- P:Phosphor Bronze
- 1:Black
- L:LCP
- 6:SMT(180°)
- Au A:>1u" D:15u" F:30u"
- Number of Contacts
- Series No.

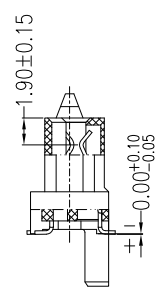
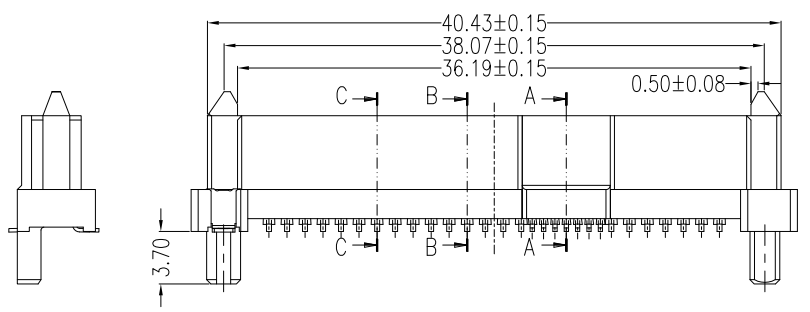
Power Segment			
Pin NO.	Type	Name	Type
P1	V33	P9	V5
P2	V33	P10	Ground
P3	V33	P11	Ready Led
P4	Ground	P12	Ground
P5	Ground	P13	V12
P6	Ground	P14	V12
P7	V5	P15	V12
P8	V5		

Signal Segment			
Pin NO.	Type	Name	Type
S1	Signal Ground	S9	Signal Ground
S2	TP+	S9	TS+
S3	TP-	S10	TS-
S4	Signal Ground	S11	Signal Ground
S5	RP-	S12	RS-
S6	RP+	S13	RS+
S7	Signal Ground	S14	Signal Ground

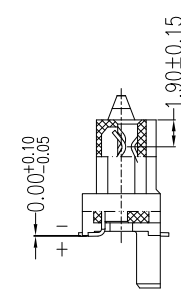


VIEW 0
SCALE 2:1

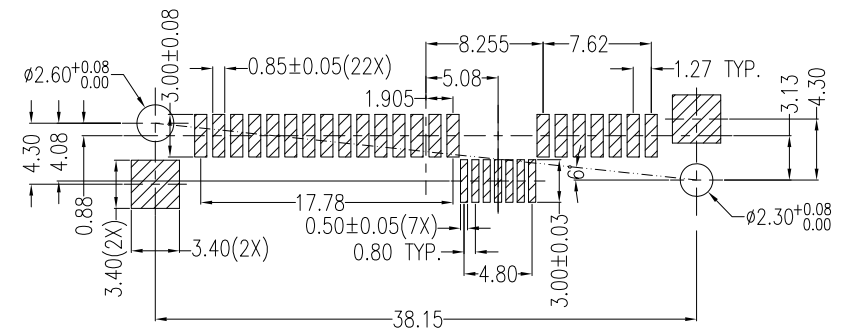
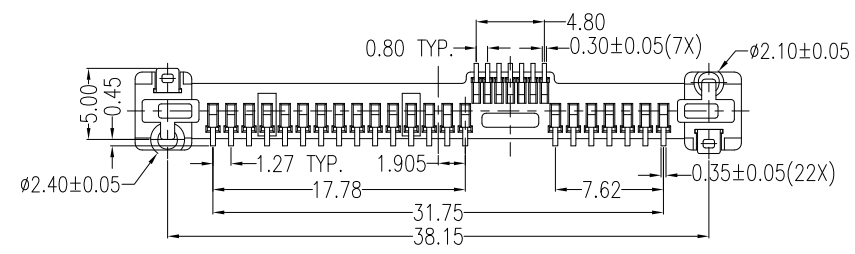
SECT B-B



SECT C-C

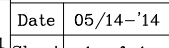


SECT A-A



PCB LAYOUT
COMPONENT SIDE

REV	Modify View	Drawing By	Date	WIN WIN PRECISION IND. CO., LTD.	
Units	mm	Scale	5:3	TEL: 886-2-22994155 FAX: 886-2-22994157	
Tolerance Unless Otherwise Specified		Rainy	05/14-'14	Date	05/14-'14
.X	~ ±0.35	Reviewed By		Sheet	1 of 1
.XX	~ ±0.25	Rosh	05/14-'14	Third Angle Projection	Title
.XXX	~ ±0.15	Approval By		SAS 29P SMT Female (MiTAC)	
Angle	~ ± 3°	Richard	05/15-'14	Drawing No.	WSAF-29PS-AN-N352



REV	D
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