

REV.	ECN.NO.	DATE
A	RELEASED	02/28-'04
C	Modify Harpoon	06/26-'19
D	Add Size	04/29-'20

Notes:

*Material

Housing: LCP UL 94V-0 Rated,Color: Black.
Contacts: Phosphor Bronze.
Plating: Au Plating on contact area
Sn(100u"Min) plating on solder Tail.
Ni(50u"Min) contact underplating overall.
Harpoon: Brass
Sn(100u"Min)Plating Over Ni(50u"Min)

*Electrical Specification

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

*Environmental

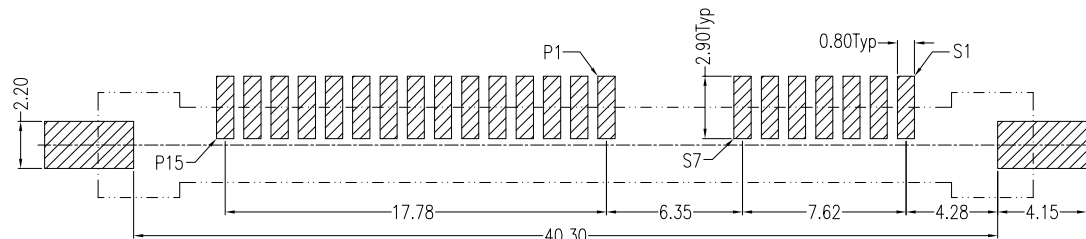
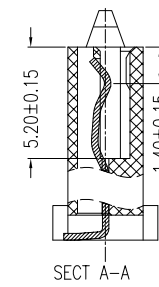
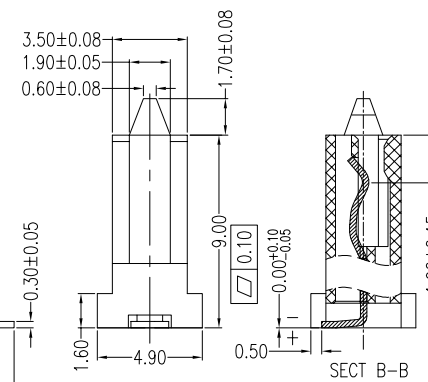
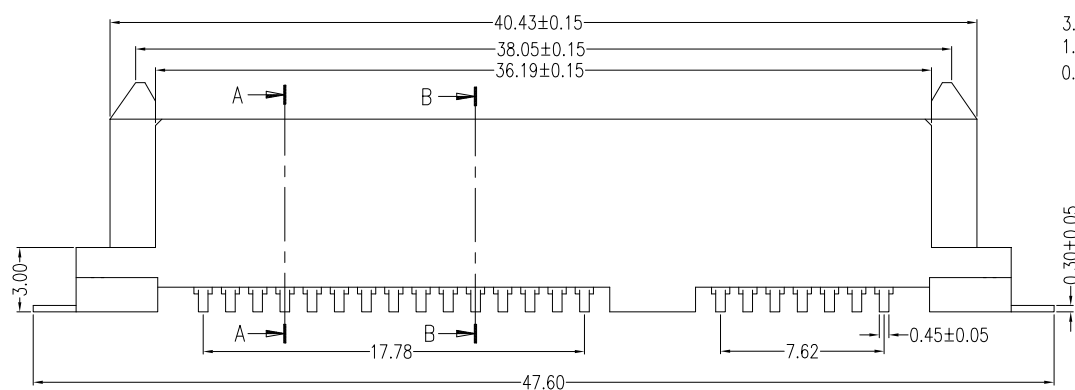
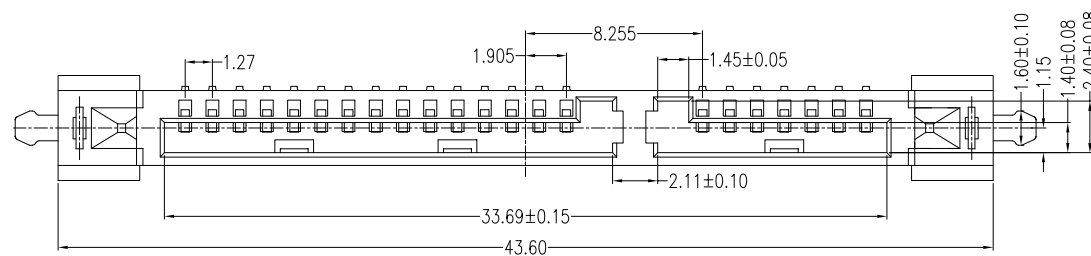
Operating Temperature: -55°C ~ 85°C.

*How to Order:

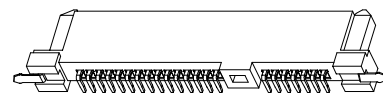
WATS-22DL1P3U
W:Winning Mark
Blank:No Mark
U:Lead Free
3: SMT(Post SMT)(High10.7mm)
P:Phosphor Bronze
1:Black
L:LCP
Au:A>0.8u" D:15u"
Number of Contacts
Series No.

Signal Segment	
Name	Type
S1	GND
S2	A+
S3	A-
S4	GND
S5	B-
S6	B+
S7	GND

Power Segment			
Name	Type	Name	Type
P1	V3.3	P9	V5
P2	V3.3	P10	GND
P3	V3.3	P11	DAS/DSS
P4	GND	P12	GND
P5	GND	P13	V12
P6	GND	P14	V12
P7	V5	P15	V12
P8	V5		



PCB LAYOUT
COMPONENT SIDE



REV	Add Size 9.00			Drawing By		Date		WIN WIN PRECISION IND. CO., LTD. TEL: 886-2-22994155 FAX: 886-2-22994157					
Units	mm	Scale	1:1	LCC		04/30-'20							
Tolerance Unless Otherwise Specified				Reviewed By		Date		Date 04/29-'20	Sheet 1 of 1	Title	SATA 7+15P SMT(Post SMT)Female		
.X ~ ±0.35				LDF		04/30-'20							
.XX ~ ±0.25				Approval By		Date							
.XXX ~ ±0.15				Nancy		05/04-'20							
Angle ~ ± 3°										Drawing No.	WATA-022MN-AN-N080	REV	D