

REV.	ECN.NO.	DATE
A	RELEASED	10/09/01
E	Add Lead Free	04/19/05
F	Modify Dimension	08/29-'13

NOTES:

* Material

Body : Nylon46 UL 94V-0 Rated. Color : White.
Contact : Brass.
Contact Plating : Gold Plating Over Nickel on Contact
Area Tin Plating On Solder Tail.

* Mechanical

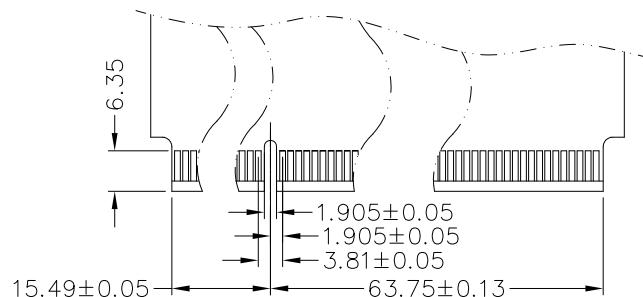
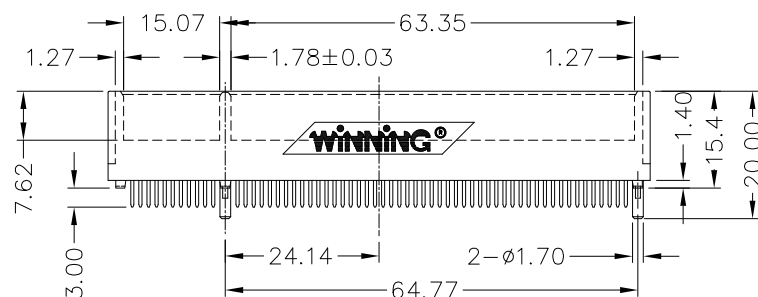
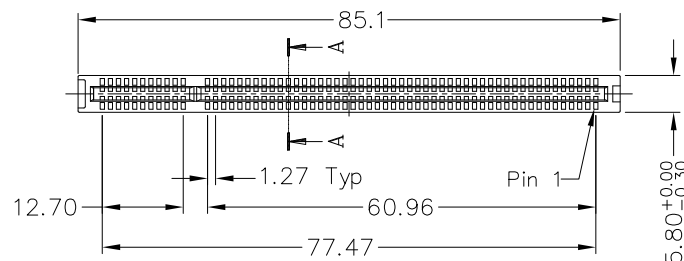
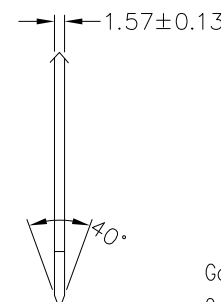
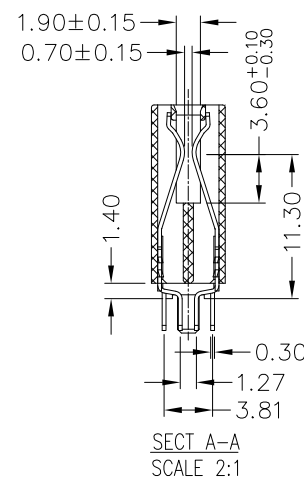
Contact Normal Force : 75 Grams min.
Insertion Force : 228 Grams max. per mated pair.
Withdrawal Force : 28 Grams min. per mated pair.
Contact Retention : 1 lb. min.
Mating Durability : 100 cycles.

* Electrical Specification

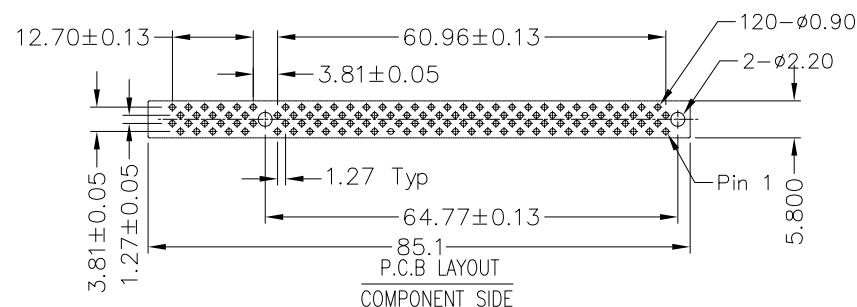
Operation Voltage : 125V AC max.
Current Rating : 1 Ampere per Contact.
Contact Resistance : 30 Milliohms max. initial , 10 Milliohms
max. Increase Through Testing.
Insulation Resistance 1000 Megohms min.
Dielectric Withstanding Voltage : 500V AC.
Capacitance : 2 pF max.
Operating Temperature : -55°c To +125°c.

W2MM-120A2A2N43B1UW

Strip Form Pin ———— W:Winning Mark Blank:No Mark
Number of Contacts ———— U:Lead Free Blank:Sn Pb
Gold A:Flash B:5u" C:10u" D:15u" F:30u" ———— 1:Pin 3.0mm (Post 4.6mm)
2: Dual Card Slot ———— B:Brass
A:Standard Type ———— P:Phosphor Bronze
2: Plastic Post ———— 3:White
N4:Nylon46



Daughter Card Requirements



REV	Modify Dimension	Drawing By	Date	 WIN WIN PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.	
Units	mm Scale	LRF	09/04/13		
Tolerance Unless Otherwise Specified		Reviewed By	Date	Date	04/19/05
.X ~ ±0.38		HQ	09/04/13	Sheet	1 of 1
.XX ~ ±0.25		Approval By	Date	Third Angle Projection	Drawing No.
.XXX ~ ±0.20		Richard	09/04/13		
Angle ~ ± 3°		MCA-120SLIM-AN-N120			

REV F