

REV.	ECN.NO.	DATE
A	RELEASED	02/15-'11
B	Change the Housing & Harpoon	04/26-'11
C	Modify Flame Class&Cancel Operation Voltage Spec	11/06-'19

**NOTES:**

**\*Material**

Housing: Nylon66, UL 94V-2 Rated, Color:Black.  
 Contact: Brass.  
 Plating: Au plating on contact area;  
 Sn(100u" Min.) plating on solder tail;  
 Ni(50u" Min.) underplating overall.  
 Harpoon: Brass.  
 Plating: Sn(100u" Min.) plating on solder tail;  
 Ni(50u" Min.) underplating overall.

**\*Electrical Specification**

Current Rating: 1.5 Ampere per contact.  
 Contact Resistance: 30mΩ Max.  
 Insulation Resistance: 1000MΩ Min.  
 Dielectric Withstanding Voltage: 500V AC.

**\*Mechanical Performance**

Insertion Force: 45N Max.  
 Withdrawal Force: 10N Min.  
 Durability: 500 Cycles.

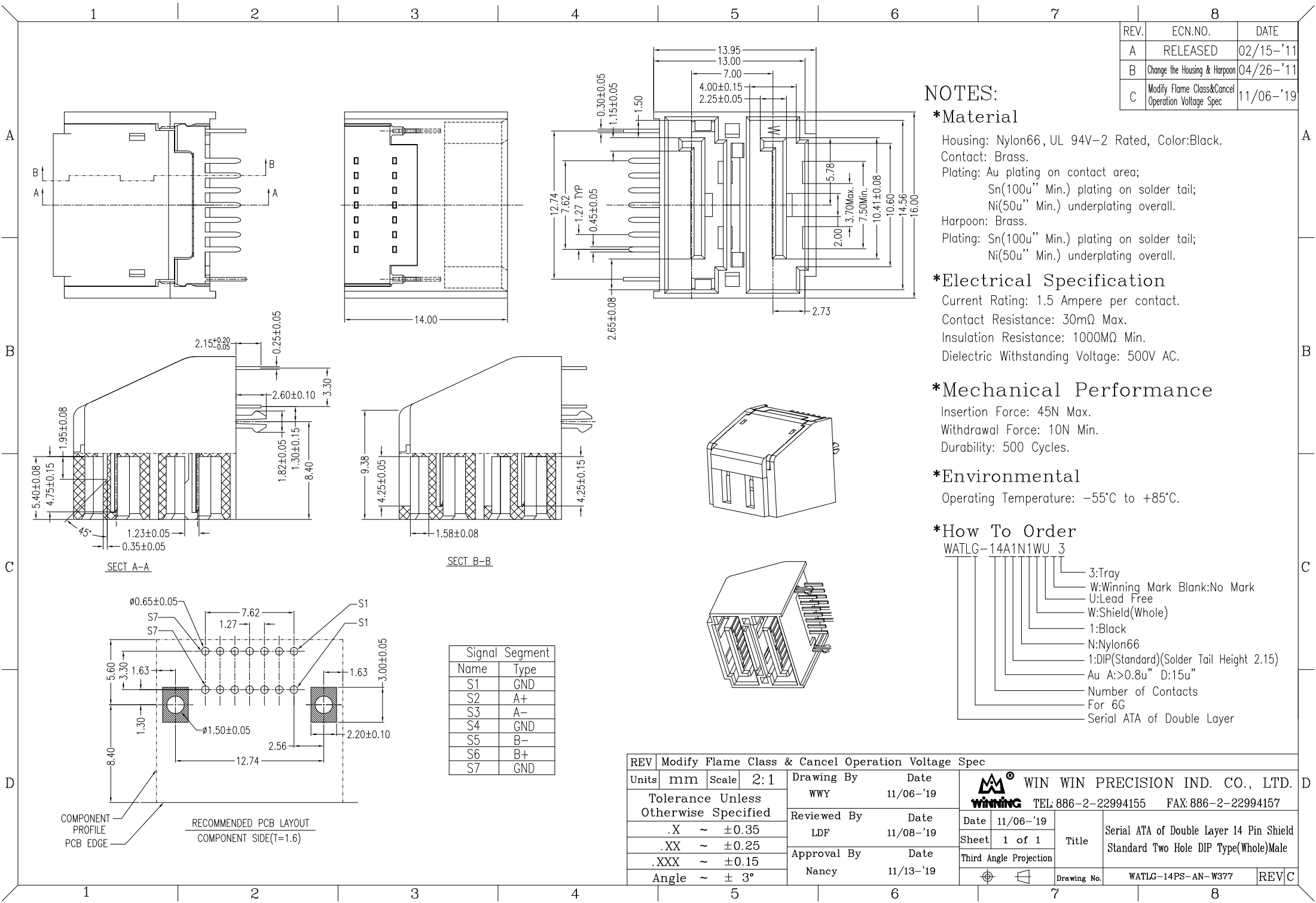
**\*Environmental**

Operating Temperature: -55°C to +85°C.

**\*How To Order**

WATLG-14A1N1WU 3

- 3:Tray
- W:Winning Mark Blank:No Mark
- U:Lead Free
- W:Shield(Whole)
- 1:Black
- N:Nylon66
- 1:DIP(Standard)(Solder Tail Height 2.15)
- Au A:>0.8u" D:15u"
- Number of Contacts
- For 6G
- Serial ATA of Double Layer



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

REV	Modify Flame Class & Cancel Operation Voltage Spec			Drawing By		Date		WIN WIN PRECISION IND. CO., LTD.			
Units	mm	Scale	2:1	WWY		11/06-'19	TEL: 886-2-22994155 FAX: 886-2-22994157				
Tolerance Unless Otherwise Specified				Reviewed By		Date		Date	11/06-'19		
.X ~ ±0.35				LDF		11/08-'19		Sheet	1 of 1		
.XX ~ ±0.25				Approval By		Date		Title	Serial ATA of Double Layer 14 Pin Shield Standard Two Hole DIP Type(Whole)Male		
.XXX ~ ±0.15				Nancy		11/13-'19					
Angle ~ ± 3°								Third Angle Projection			
								Drawing No.	WATLG-14PS-AN-W377	REV	C