



NOTES 1:

*Material

Housing: PA10T, UL 94V-0.
 Cap: LCP, UL 94V-0.
 Contacts: Copper Alloy.
 Plating: Au Plating on Contact Area.
 Sn (100u" Min.) plating on solder tail.
 Ni (50u" Min.) underplating overall.
 EMI: Stainless steel.
 Harpoon: Brass.
 Plating: Ni (50u" Min.) plating overall.
 Shell: SUS.
 Plating: Ni (50u" Min.) plating overall.

*Mechanical:

Insertion Force: 1.15N max per contact pair.
 Withdrawal Force: 0.15N min per contact pair.
 Contact Retention Force: 3.43N min per contact.
 Durability: 50 cycles.

*Electrical Specification

Current Rating : 1.1 Ampere.
 Contact Resistance : 30 mΩ Max.
 Insulation Resistance : 1000 MΩ Min.
 Dielectric Withstanding Voltage: 500 VAC.

*Environmental

Operating Temperature: -55°C To +105°C

*How to order:

WPEH-164AK1C13HW7

Series NO.	_____	7: Tray+Cap
Number Of Contact	_____	W: WIN WIN Mark N: No Mark
164: 164P	_____	H: Halogen Free+RoHs- Compliance
Au A: 1u" (D: 15u" F: 30u")	_____	3: Straight Metal Posts(L:1.40)+Shell
K: PA10T	_____	1: SMT Type
1: Black	_____	
C: Copper Alloy	_____	

REV.	ECN.NO.	DATE
A	RELEASED	05/04-'23
B	Modify PCB Dimension	02/19-'24
C	1.Modify PCB Dimension 2."Winning"Logo Change to "WinWin"Logo	03/01-'24

REV 1.Modify PCB Dimension 2."Winning"Logo Change to "WinWin"Logo				Drawing By		Date		WIN WIN PRECISION IND. CO., LTD.	
Units	mm	Scale	1:1	LZX	03/01-'24	TEL: 886-2-22994155 FAX: 886-2-22994157			
Tolerance Unless Otherwise Specified				Reviewed By	Date	Date	03/01-'24	Title	
.X	~	±0.35		Charles	03/01-'24	Sheet	1 of 2	PCI Express 5.0 SMT Type	
.XX	~	±0.25		Approval By	Date	Third Angle Projection			
.XXX	~	±0.15		Nancy	03/04-'24				
Angle	~	± 3°						Metal+Shell Type	
						Drawing No.	WPEH-164PS-AN-W249	REV	C

