

## 5412 Series

USB 3.0 AM SMT Paddle Card Module for  
Twisted Pair Cable (U3EAW2)

### Ordering Information

5412 - X00 - 01XEW2

Contact Area Plating:  
0: Gold Flash/Tin  
3: 30u"Gold Plated/Tin

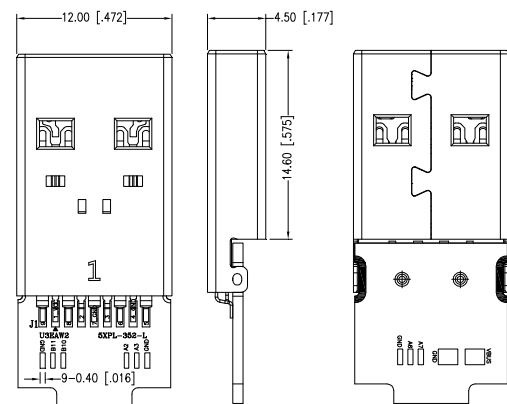
Tray

### Specification of Plug

- **Material:**
    - ◆ **Insulator:**  
Thermoplastic UL 94V-0  
Color: Blue
    - ◆ **Contact:** Copper Alloy
    - ◆ **Shell:** Stainless Steel
  - **Electrical:**
    - ◆ **Contact Current Rating:**  
VBUS and GND Contacts Rated at 1.25A EA.,  
Paralleled for a Total of 5A
    - ◆ **Rated voltage:** 5V Max.
    - ◆ **Dielectric Withstanding Voltage:**  
100VAC Min.
    - ◆ **Contact Resistance:**  
40mΩ Max. for VBUS, GND and Other Contacts  
50mΩ Max. after Environment Test.
    - ◆ **Insulation Resistance:**  
100 MΩ Min.
  - **Mechanical:**
    - ◆ **Insertion Force:** 5~20N
    - ◆ **Withdrawal Force:** 8~20N
  - **Environmental:**
    - ◆ **Temperature range:** -55°C to + 85°C
- ❖ The above ordering data is for our standard products. For Non-Standard products, please contact us.

### Drawing

#### 5412-X00-01XEW2 Series



#### PIN ASSIGNMENT

Pin No.	1	2	3	4	5	6	7	8	9
Signal Name	VBUS	D-	D+	GND	SSRX-	SSRX+	GND_DRAIN	SSTX-	SSTX+
Remark	USB2.0 Contact Pin				USB3.0 Contact Pin				

Table USB 3.0 AM ( Paddle Card Module Code)

CODE	Cable Ref	USB Version	Current Rating Voltage	Paddle Card Solder Pad
EW2	AM-CM	USB 3.1 Gen 1/2	3A 5V	Without TIN

\* ALL DIMENSIONS ARE SHOWN IN mm/in