

5412 Series

USB 3.0 AM SMT Paddle Card Module for Flat Cable (U3FA1)

Ordering Information

5412 - X00 - 01XFA1

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

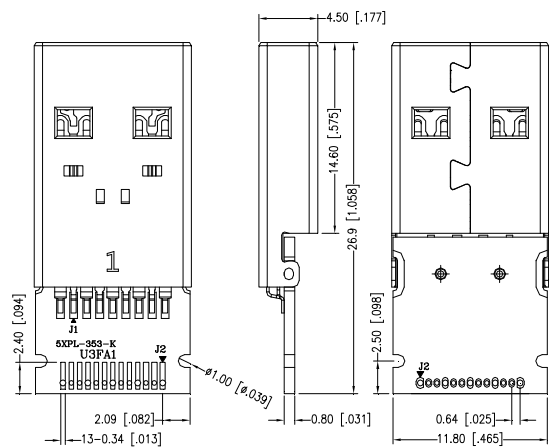
Tray

Specification of Plug

- **Material:**
 - ◆ **Insulator:**
Thermoplastic UL 94V-0
Color: Black
 - ◆ **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 Fore:** 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-X00-01XFA1 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
FA1	AM-CM	USB 3.1 Gen 1/2	3A 5V	Without TIN

* ALL DIMENSIONS ARE SHOWN IN mm/in