

## 5427 Series

USB Type C R/A Upright TH 14 Pin  
Pad H: 2.7mm

### Ordering Information

5427 - X17 - 01X - H1

Halogen Free

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



### Specification

#### 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 Force:** 8~20N

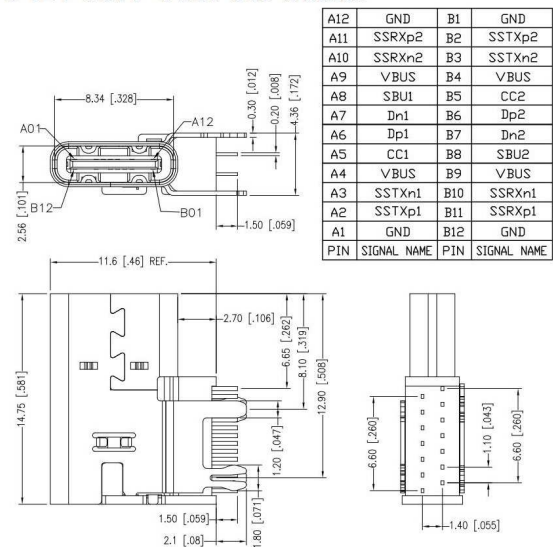
#### Environmental:

- ◆ **Temperature range:** -55°C to +85°C

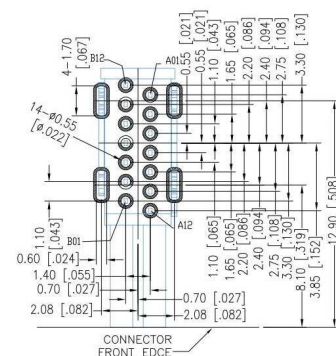
❖ The above ordering data is for our standard products. For Non-Standard products, please contact us.

### Drawing

#### 5427-X17-01X-H1 Series



#### RECOMMENDED P.C.B. LAYOUT



\* ALL DIMENSIONS ARE SHOWN IN mm/in