

5423 Series

USB Type-C 12 Pin Plug for USB 2.0 w/o
 PCB w/ Rd 5.1K Ohms Resistor

Ordering Information

5423 - X1B - HFX - H2

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

22 Pin Deep Drawing Shell Plug

Rp 5.1K Ohms Resistor

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 Force: 8~20N

Environmental:

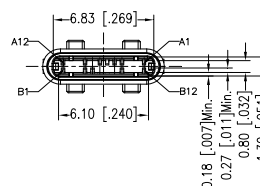
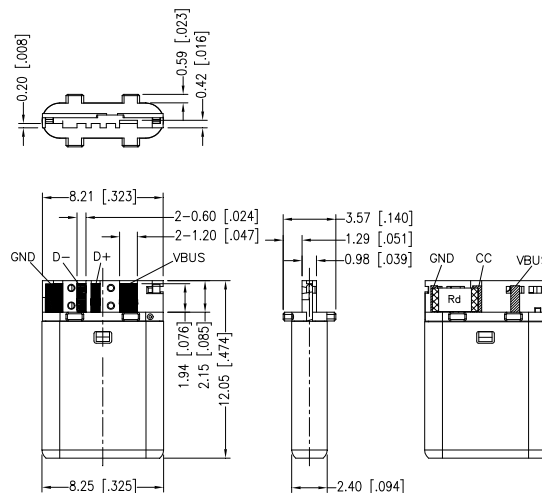
◆ Temperature range: -55°C to +85°C

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



Drawing

5423-X1B-HFX-H2 Series



PIN	SIGNAL NAME
A1,B1,A12,B12	GND
A4,B4,A9,B9	VBUS
A5	CC
B5	VCONN
A6	Dp1
A7	Dn1
Shell	Shield

TOP PAD WITH TIN PLATED, FOR CABLE WIRE SOLDERING
 BOTTOM PAD WITH TIN PLATED, NOT FOR CABLE WIRE SOLDERING

* ALL DIMENSIONS ARE SHOWN IN mm/in