

## ***FLEX Cable Connectors*** ***HF50X and NNS Series***

### **HF50X FLEX Cable Connectors**

- **Transmission Speed: Up to 56Gbps**  
(while paired with YFLEX® High-Speed Cable)
- **Side-Lock latch mating design**
- **Adhesion-Less cable assembly design**  
option available to eliminate heat bonding  
process (Applicable: HF507P-XX-061 series)
- **Pitch: 0.50 mm**



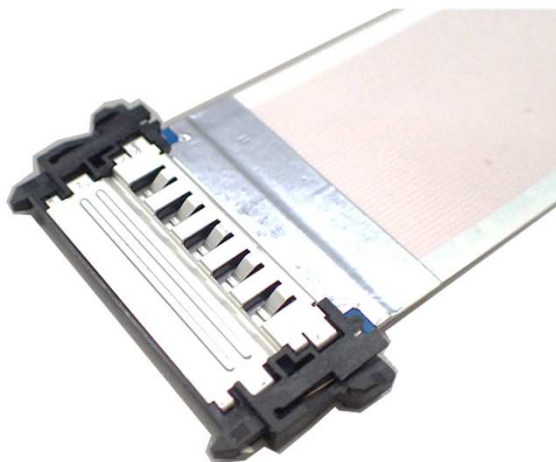
***HF507 Series***



***HF509 Series***

| Product PN   | Available Pin Count | Transmission Speed | Product Notes                                                                                                                                        |
|--------------|---------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| HF507 Series | 21, 31, 41, 51, 80  | Up to 56Gbps       | <ul style="list-style-type: none"><li>• R/A &amp; Vertical Mount</li><li>• EMI Shield Option</li><li>• Adhesion-Less cable assembly option</li></ul> |
| HF509 Series | 10                  | Up to 10Gbps       | <ul style="list-style-type: none"><li>• EMI Shielding Option</li></ul>                                                                               |

### **HF507P-XX-061 Adhesion-Less Cable Plug Adaptor**



- **Adhesion-Less cable assembly design**  
to eliminate heat bonding  
process
- **Cable mis-insertion prevention**  
feature
- **Side-Lock metal latch design**  
to  
secure connection

## ***FLEX Cable Connectors*** ***HF50X and NNS Series***

### **NNS SATA Cable Connectors**

- Side Latch Locking Design
- Direct connection to HDD-SATA & ODD-SATA interface => No additional PCB required => Cost Saving
- Pitch: 1.27 mm
- Available Pin Count: 22pins



| Product PN     | Available Pin Count | Description                         |
|----------------|---------------------|-------------------------------------|
| NNS022S-1001-0 | 22pins              | SATA Flex Cable Assembly Connectors |

### **HF50X and NNS022 Series Application Overview**



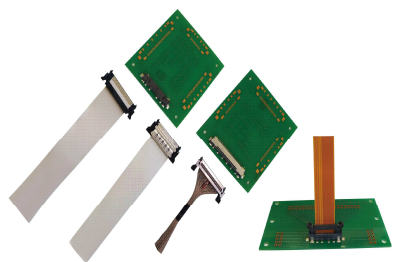
**ODD-SATA & HDD-SATA  
Drive Device Connection**



**Medical Hand-Held &  
Stationary Monitor**



**Commercial TV and  
Electronics Monitors**



**General Flex-to-Board  
Connections**



**Automotive Infotainment  
System Connection**



**Industrial Computer &  
Automation Camera**