

REV	DESCRIPTION	DATE
A	Initial Release	19.01.02

SPECIFICATIONS:

1. MECHANICAL:

- 1.1 WITHDRAWAL FORCE AFTER 2000 CYCLES: 39.2N Max,9.8N Min.
- 1.2 WITHDRAWAL FORCE AFTER 2001–10000 CYCLES: 39.2N Max,2.94N Min.
- 1.3 INSERTION FORCE:44.1N Max.

2. ELECTRICAL:

- 2.1 CONTACT CURRENT RATING: 0.5A MIN.
- 2.2 VOLTAGE RATING: 40V AC(RMS)
- 2.3 WITHSTANDING VOLTAGE:
 - 500 VOLTS AC BETWEEN ADIACENT TERMINAL(UNMATE)
 - 300 VOLTS AC BETWEEN ADIACENT TERMINAL(MATE)
- 2.4 INSULATION RESISTANCE:
 - 100 MOHM MIN.(UNMATED); 10 MOHM MIN.(MATED)
- 2.5 CONTACT RESISTANCE: 30 MILLIOHMS MAX.

3. ENVIRONMENTAL:

- 3.1 OPERATING TEMPERATURE: −25°C to +85°C
- 3.2 STORAGE TEMPERATURE: −20°C TO 60°C
- 3.3 SALT SPRAY: SPCC 8H,COPPER ALLOY 24H

PART NO.

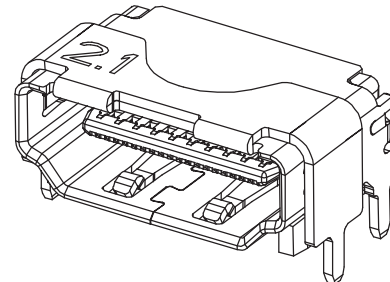
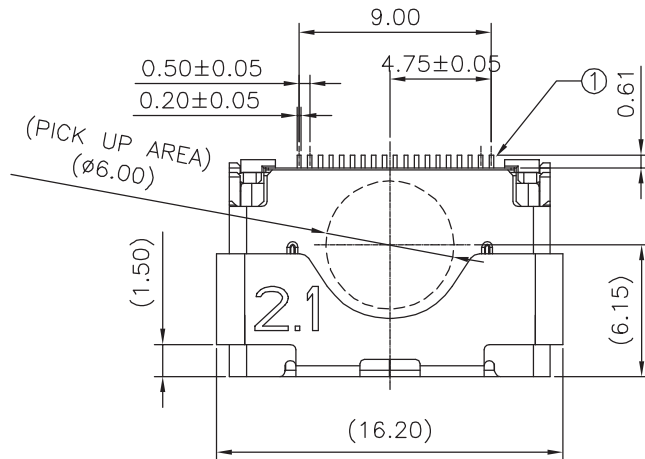
HI03RB- 21-19 F K xx x x x
1 2 3 4 5 6 7 8 9

1. HDMI SMT, Right Angle, Top Shell Closed Type
2. 21: Version 2.1
3. CONTACT POSITIONS:
19: 19 Poles
4. CONNECTOR TYPE
F: Receptacle
5. INSULATOR COLOR
K: Black
6. CONTACT PLATING
15: Contact Area 15u" Gold, Solder Area G/F
7. FRONT SHELL PLATING:
J : Nickel
8. SHELL MATERIAL
S: Stainless Steel
B: Brass
9. Packing :
R: Tape & Reel

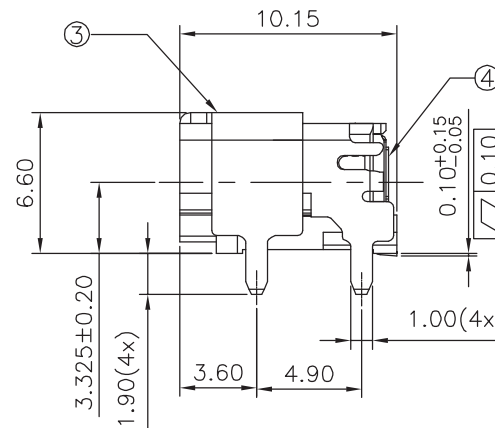
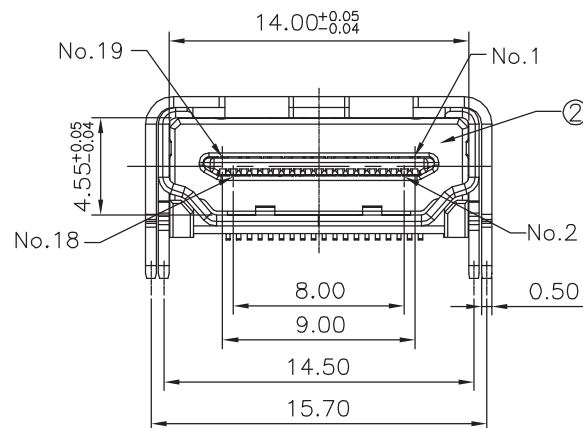
1	SUS	EMI SPRING	④
19	COPPER ALLOY	CONTACT	③
1	THERMOPLASTIC UL94V-0	HOUSING	②
1	COPPER ALLOY	SHELL	①
QTY'S	SPECIFICATION	PART	ITEM

 PANSTRONG COMPANY LTD.					DRAWN BY		TOMMY	
					CHECKED		TIGER	
TITLE:		HDMI 2.1 A TYPE FEMALE I/M SMT TYPE HIGH=6.60mm			APPROVED		BILL	
					DRAWING NO.			
					UNIT		mm	
PART NO:		HI03RB-21-19FK x x x x						
SCALE		1:1	REV	A				

GENERAL TOLERANCE (UNLESS SPECIFIED)	
.00 0	± 0.15
.00 0	± 0.20
.0	± 0.25
±	±
ANGLE	± 1°



3D VIEW



RoHS compliant HF Compliant

