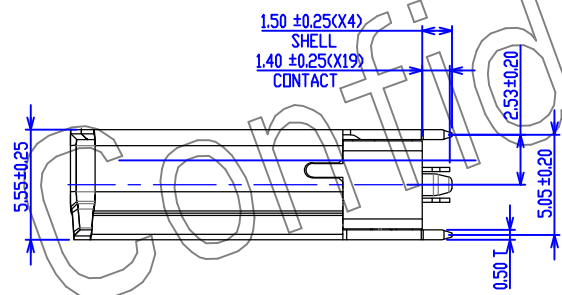
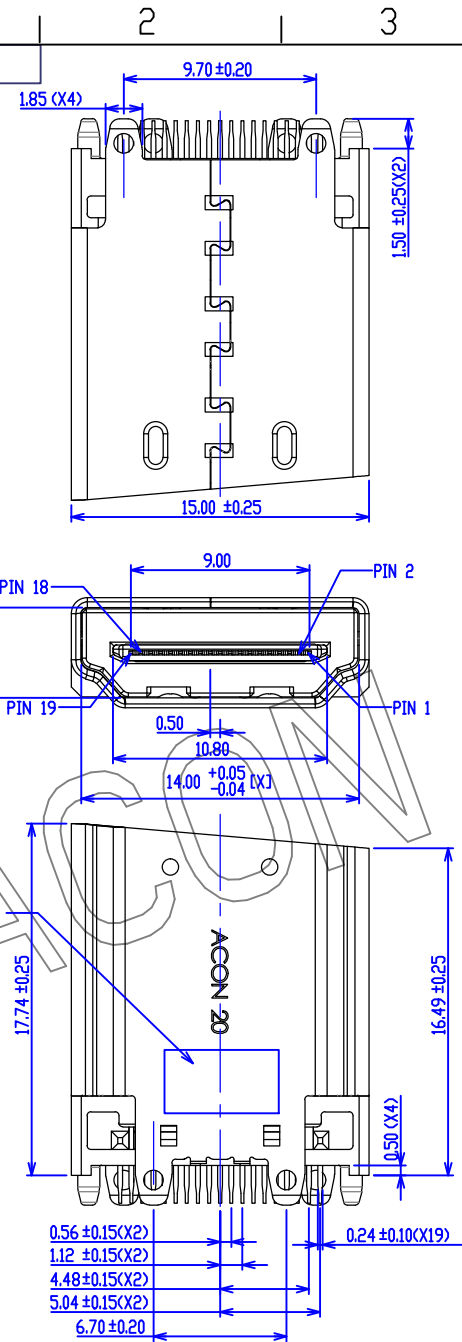
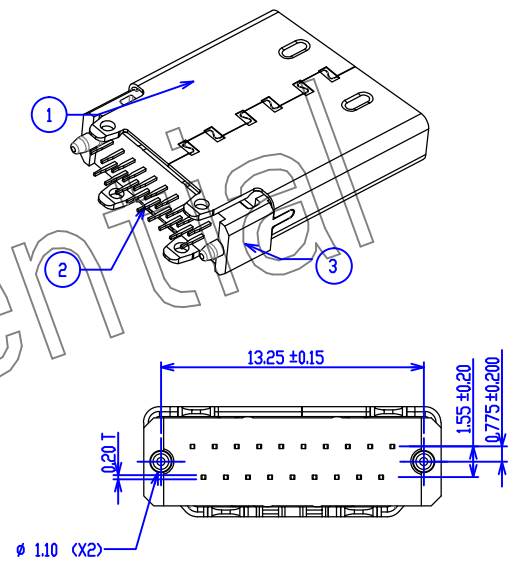


1
HALOGEN FREE



REV.	ECR#	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED
A	KSECR21030-01	NEW RELEASE PER NPR21019	2021/06/28	TONG	MICKEY	MICKEY
B	KSECR21117-01	Δ XL MX1	2021/12/14	Ann	MICKEY	MICKEY

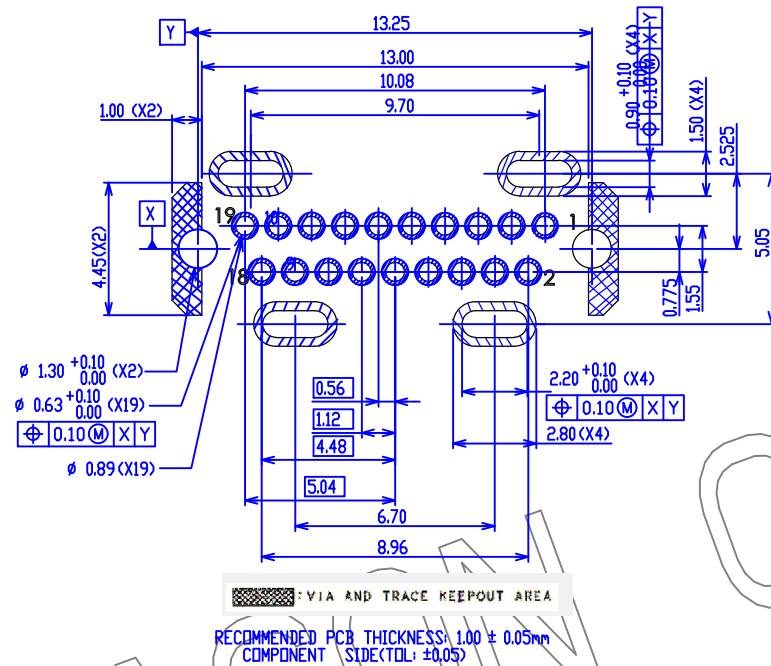


4	CAP	1	XXX	THERMOPLASTIC UL 94V-0 BLACK			
3	MOLDING	1	XXX	THERMOPLASTIC UL 94V-0 BLACK			
2	CONTACT	19	XXX	COPPER ALLOY/SEE TABLE A			
1	SHELL	1	XXX	METAL/SEE TABLE A			
ITEM	NAME	Q'TY	PART #	MATERIAL / FINISH			
TOLERANCES UNLESS OTHERWISE SPECIFIED		DATE		 ACON ADVANCED-CONNECTEK INC.			
GENERAL	X ±0.30	TONG 2021/03/06					
	XX ±0.25	DESIGN 2021/03/06					
	XXX ±0.15	TONG 2021/03/06					
ANGLES	X° ±0.05	DATE		TITLE HDMI 2.1 SERIES ,RECEP.19 PDS V/T DIP TYPE W/FLANGE			
	XX° ±0.04	CHECKED MICKEY 2021/06/28					
	XXX° ±0.04	DATE					
	XXXX° ±0.04	APPROVED MICKEY 2021/06/28					
SCALE	4:1	CUSTOMER DRAWING		SERIES	HES20 SERIES	SIZE	A3
SHEET	1 of 2			DWG NO.	C-HES20-00-00	REV.	B
UNIT	MM						

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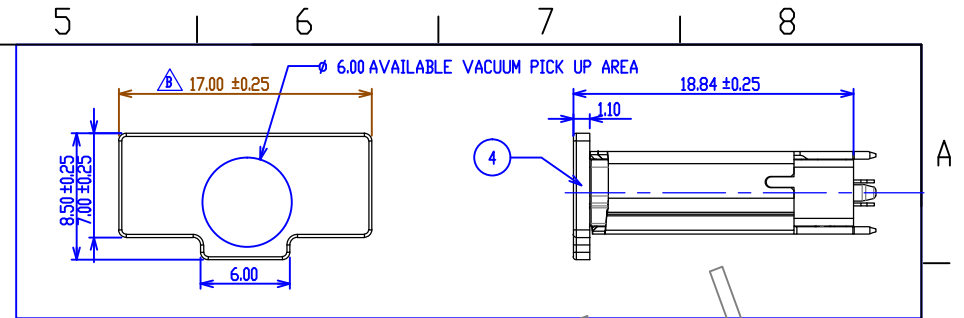
All materials meet the ACON's spec. environment-related substances management technical standard

1
HALOGEN FREE



NOTES:

- ELECTRICAL CHARACTERISTIC:
 - LOW LEVEL CONTACT RESISTANCE: 10 mΩ MAXIMUM.
 - DIELECTRIC WITHSTANDING VOLTAGE:
500 VAC BETWEEN ADJACENT TERMINAL OR GROUND, No Breakdown (Unmated).
300 VAC BETWEEN ADJACENT TERMINAL OR GROUND, No Breakdown (Mated).
 - INSULATION RESISTANCE: 100MΩ MINIMUM (Unmated).
10MΩ MINIMUM (Mated).
- MECHANICAL CHARACTERISTIC:
 - INSERTION FORCE: 44.1N (4.5kgf) MAXIMUM.
 - EXTRACTION FORCE: 9.8N (1.0kgf) ~ 39.2N (4.0kgf).
 - BUMP STRUCTURE AFTER DURABILITY USE NEW PLUG TEST



PRODUCT NUMBER:

TABLE A

HES20 - A K X 2 0 0
1. PRODUCT
HES20: HDMI 2.1 19PDS REV. RECEPTOR
R/A DIP TYPE W/D FLANGE

2. POSITION:

A: 19 POSITIONS

3. COLOUR OF HOUSING

K: BLACK

4. CONTACT PLATING

1: CONTACT AREA: GOLD FLASH

SOLDER AREA: MATTE-TIN

UNDER PLATING IN

4: CONTACT AREA: 15u"

SOLDER AREA: MATTE-TIN

UNDER PLATING IN

5: CONTACT AREA: 30u"

SOLDER AREA: MATTE-TIN

UNDER PLATING IN

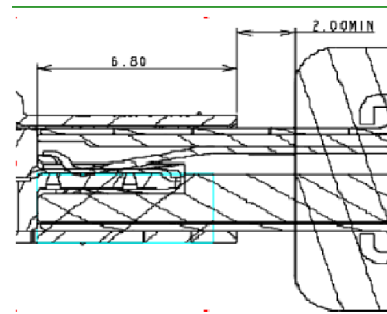
5. SHELL PLATING

2: SOLDERING NICKEL 30-80u"

6. LOGO

0: ACON LOGO, WITH POST

PIN NO	SIGNAL NAME
1	Data2+
2	Data2 Shield
3	Data2-
4	Data1+
5	Data1 Shield
6	Data-
7	Data0+
8	Data0 Shield
9	Data0-
10	Data3+
11	Data3 Shield
12	Data3-
13	CEC
14	utility
15	SCL
16	SDA
17	DDC/CEC Ground
18	+5V Power
19	HOT lug Detect



TOLERANCES UNLESS OTHERWISE SPECIFIED		REVISION	DATE	 ADVANCED-CONNECTEK INC.
GENERAL	X ±.030 X ±.025 XX ±.015 XXX ±.010 X* ±.004 XX* ±.003 X* ±.010 XX* ±.008	DESIGN TONG	2021/03/06	
ANGLES	X ±.030 X* ±.004 XX ±.015 XX* ±.008	TONG	2021/03/06	
SCALE	10:1	CHECKED MICKEY	2021/06/28	
SHEET	2 OF 2	APPROVED MICKEY	2021/06/28	
UNIT	MM	CUSTOMER DRAWING		TITLE HDMI 2.1 SERIES_RECEIVER 19 PDS V/T DIP TYPE W/FLANGE
		SERIES HES20 SERIES		SIZE A3
		DWG NO. C-HES20-00-00		REV. B