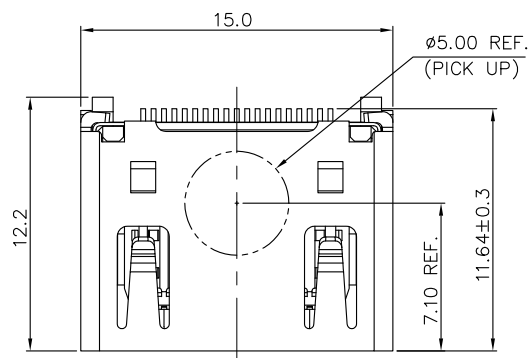
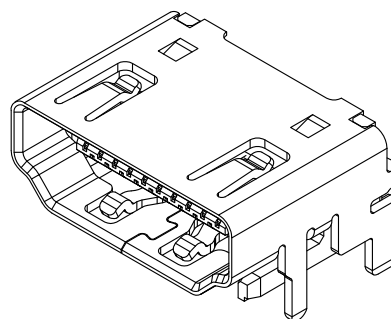
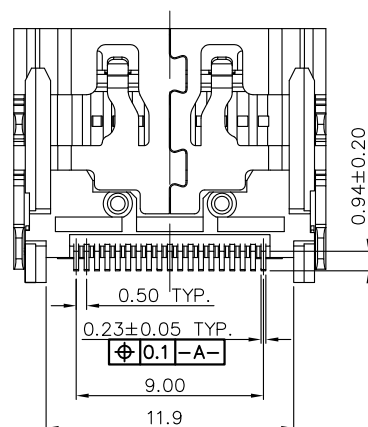
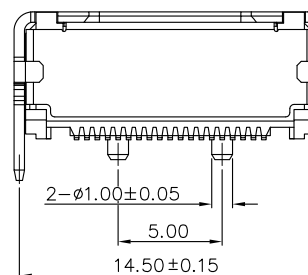
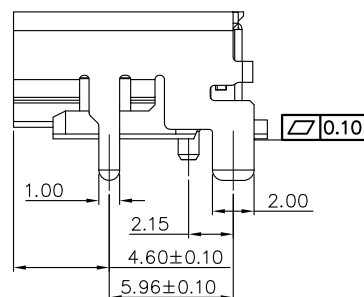
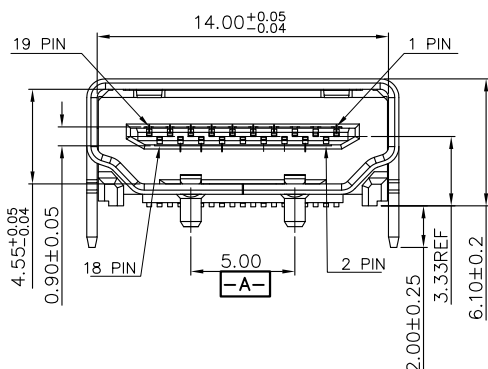


REV.	DESCRIPTION	DATE
A	N21'07003	Jul.19, 2021



IMPEDANCE SPEC	100Ω±10 @Tr=75ps(10%~90%)
INSERTION LOSS/ LIMIT SPEC:	0.3dB@0GHz -1dB@2GHz -1.5dB@3GHz -3dB@6GHz -6dB@12GHz
ACR	-35dB(0≤f<1GHz) -25dB(1GHz≤f<4GHz) -15dB(4GHz≤f<7GHz) -10dB(7GHz≤f<12GHz)



MATERIALS

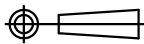
- HOUSING : LCP E130i(UL 94V-0), BLACK.
- TERMINAL : C2680 (T=0.20mm),
PLATING : GOLD PLATED ON CONTACT AREA,
50U" MIN. TIN PLATED ON SOLDER TAILS.
- SHELL : C2680 (T=0.50mm),
PLATING : 50U" MIN. NICKEL PLATED OVERALL.
- EMI SHIELD : SUS304(T=0.15mm).

SPECIFICATION

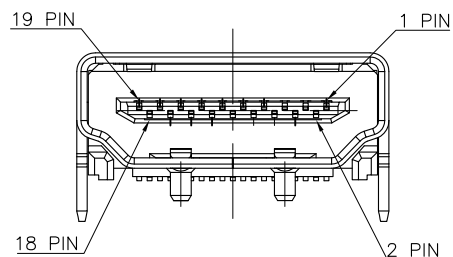
- CURRENT RATING : 0.5 A. MAX.
- DIELECTRIC WITHSTANDING VOLTAGE :
500V AC R.M.S. FOR 1 MINUTE.
- INSULATION RESISTANCE : 100MΩ MIN.AT 500V DC.
- CONTACT RESISTANCE : 30mΩ MAX.
- OPERATING TEMPERATURE : -25°C TO +85°C.
- INSERTION FORCE : 4.5Kgf MAX.
- WITHDRAWING FORCE : 1Kgf ~ 4Kgf.
- DURABILITY : 10000 CYCLES.
- SOLDERING HEAT RESISTANCE REFLOW SOLDERING 260°C.

PART NUMBER INFORMATION :

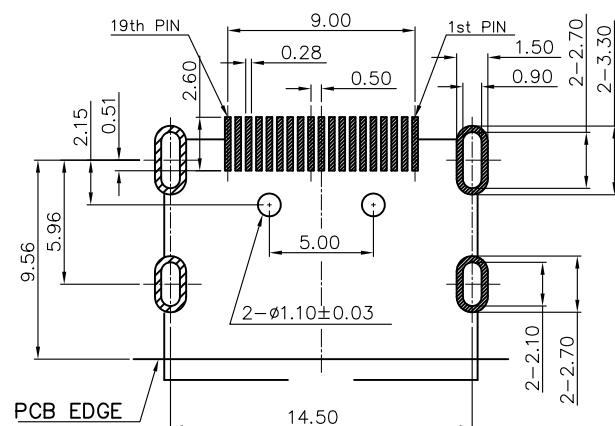
369FA19-XN070D-H		H: HALOGEN FREE
SERIES CODE	369FA19	
SMT		
FEMALE		
NUMBER OF POSITIONS	19	
		FOLLOW NUMBER
		PLATING SEE TABLE
		0: GOLD FLASH
		3: GOLD 15u"
		6: GOLD 30u"

<u>TOLERANCE</u> .0=±0.25 .00=±0.15 .000=±0.05 ANG.=±3°		<u>DRAWER</u> <i>Chen</i> <u>CHECK</u> <i>Hony</i> <u>APP'D</u> <i>Hony</i>		 ASTRON TECHNOLOGY CORP.	
 UNITS : mm		<u>PRODUCT SPEC.</u> _____			
SCALE NONE		SIZE A7		NAME HDMI A 2.1 TYPE FEMALE	
SHEET 1 OF 3		REV. A		DRAW NO. R369FA19—XN070D—H	

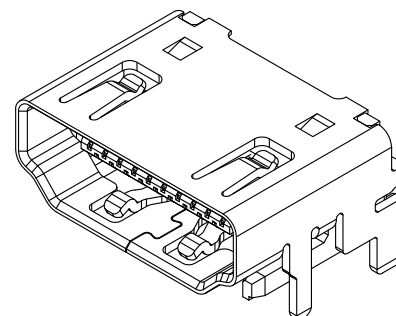
REV.	DESCRIPTION	DATE
A	N21'07003	Jul.19, 2021



PIN	SIGNAL ASSIGNMENT	PIN	SIGNAL ASSIGNMENT
1	TMDS DATA2+	11	TMDS CLOCK SHIELD
2	TMDS DATA2 SHIELD	12	TMDS CLOCK
3	TMDS DATA2	13	CEC
4	TMDS DATA1+	14	UTILITY
5	TMDS DATA1 SHIELD	15	SCL
6	TMDS DATA1	16	SDA
7	TMDS DATA0+	17	DDC/CEC GROUND
8	TMDS DATA0 SHIELD	18	+5V POWER
9	TMDS DATA0	19	HOT PLUG DETECT
10	TMDS CLOCK+		

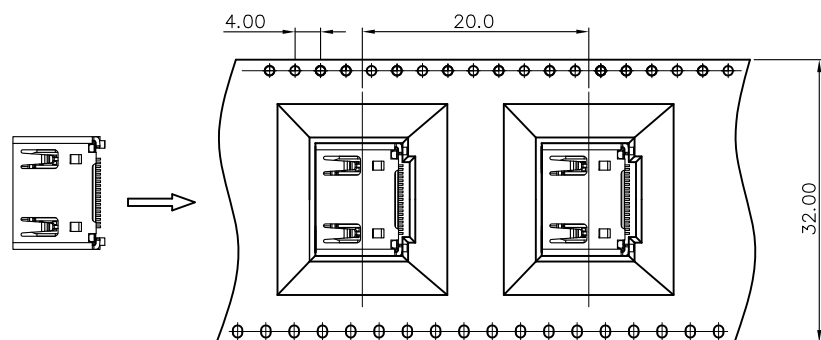
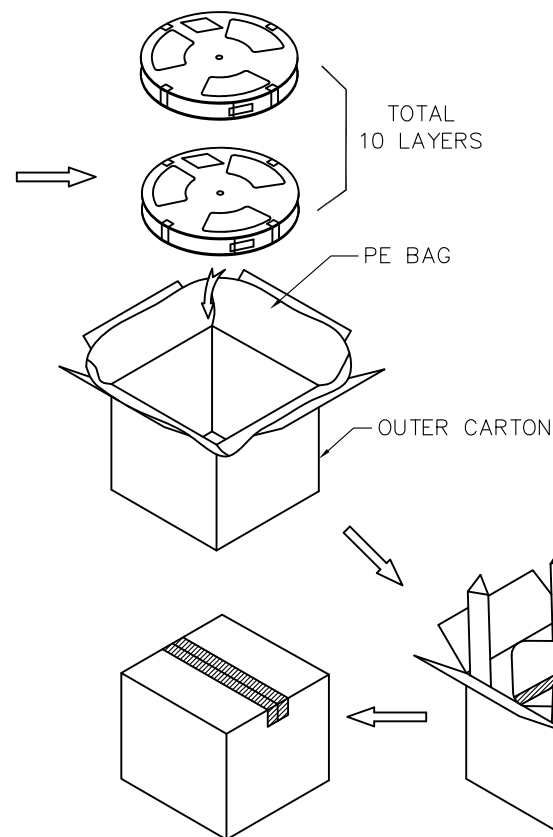
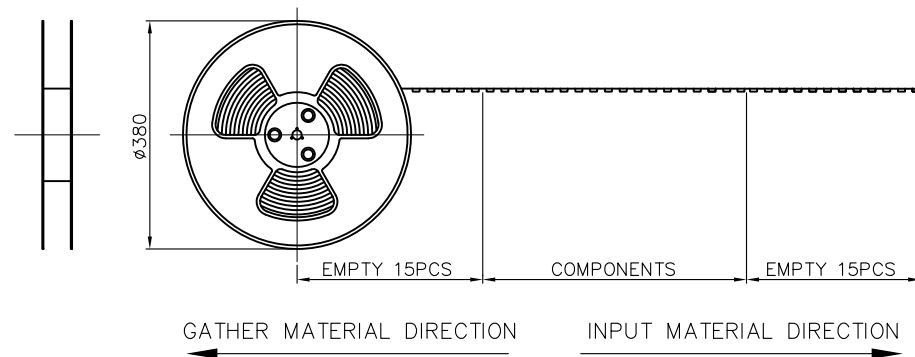


RECOMMEND PCB LAYOUT
TOLERANCE: ± 0.05
TOP VIEW



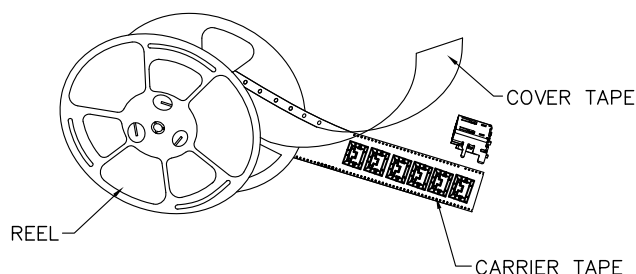
TOLERANCE .0=±0.25 .00=±0.15 .000=±0.05 ANG.=±3°		DRAWER <i>Chen</i>		Astron ASTRON TECHNOLOGY CORP.	
		CHECK <i>Hony</i>			
 UNITS : mm		APP'D <i>Hony</i>		NAME	
		PRODUCT SPEC. _____		HDMI A 2.1 TYPE FEMALE	
SCALE NONE		SHEET 2 OF 3		DRAW NO.	
				R369FA19—XN070D—H	
SIZE A7		REV. A			

REV.	DESCRIPTION	DATE
A	N21'07003	Jul.19, 2021



PACKAGE :

1. CORTON SIZE : 400x400x400mm (LxWxH)
REEL SIZE : $\phi 380\text{mm} \times 32.0\text{mm}$
2. 500 PCS/REEL
3. 10 REEL/CARTON = 5000PCS
- 4.CARRIER TAPE : PET.
- 5.APPLICABLE DOCUMENTS : EIA-481-D



TOLERANCE .0=±0.25 .00=±0.15 .000=±0.05 ANG.=±3°		DRAWER Chen CHECK Hony APP'D Hony		Astron ASTRON TECHNOLOGY CORP.	
 UNITS : mm		PRODUCT SPEC. —		NAME HDMI A 2.1 TYPE FEMALE	
SCALE NONE	SIZE A7	SHEET 3 OF 3	REV. A	DRAW NO. R369FA19—XN070D—H	