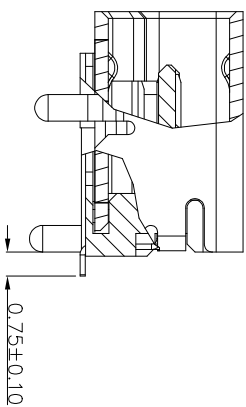
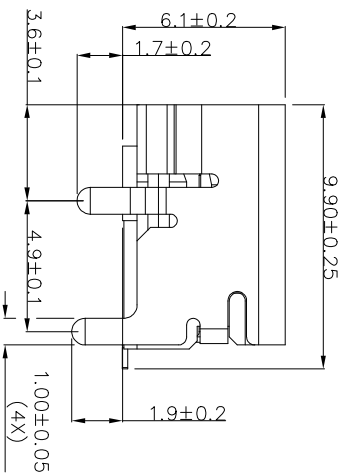
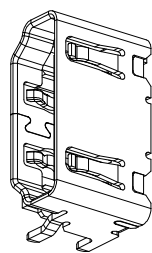
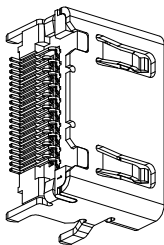
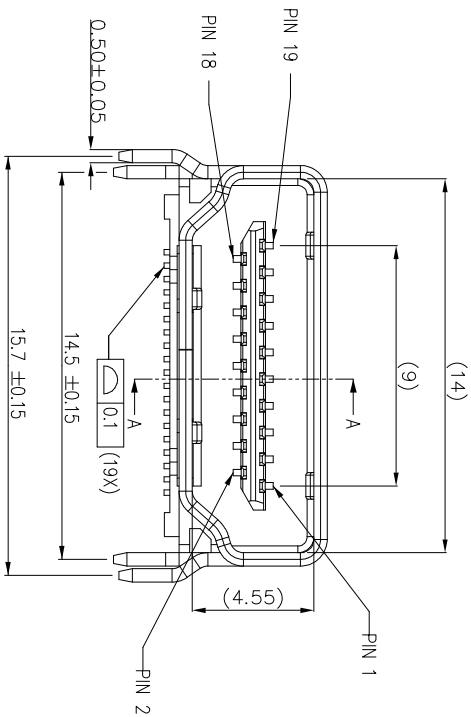
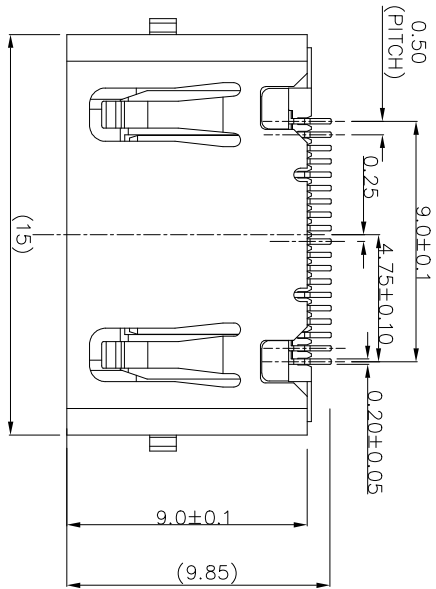


PRODUCT NUMBER
10029449-X01XLF



SECTION
A-A

Amphenol
FCI

© 2016 AFCI

Form: A3-2016-02-24

1

2


PDS: Rev: W

STATUS: Released

Printed: Oct 29, 2019

5

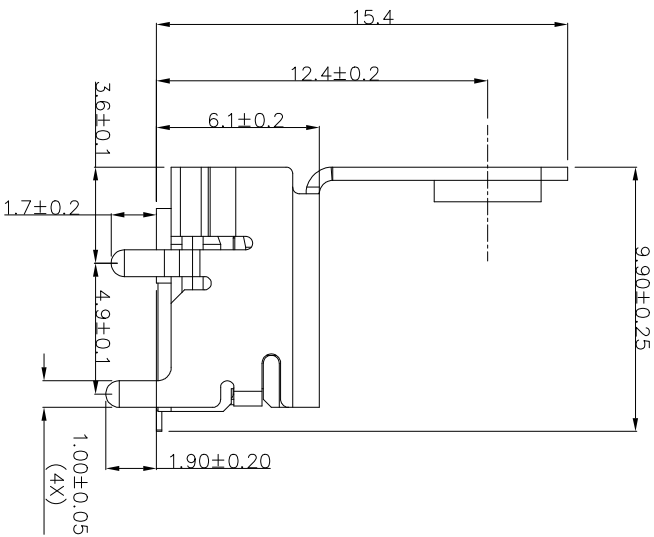
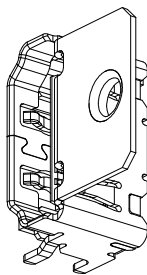
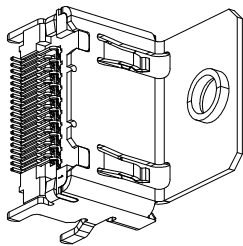
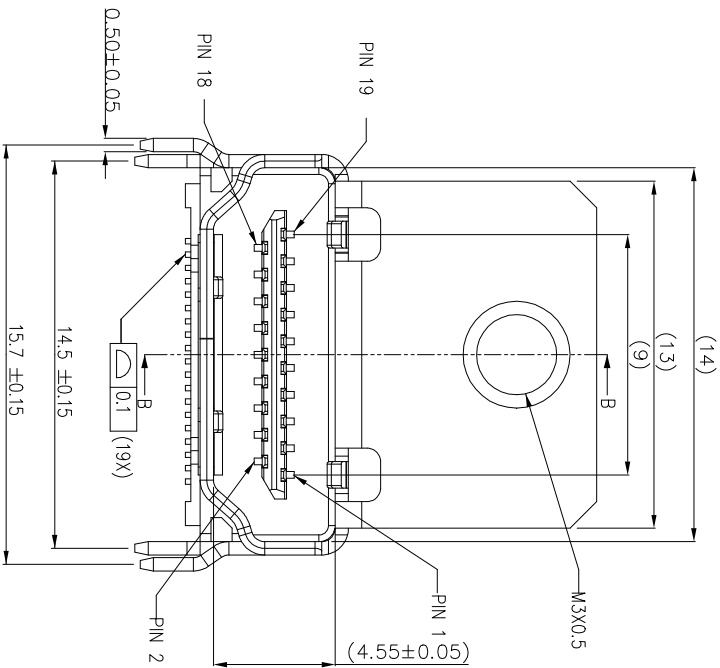
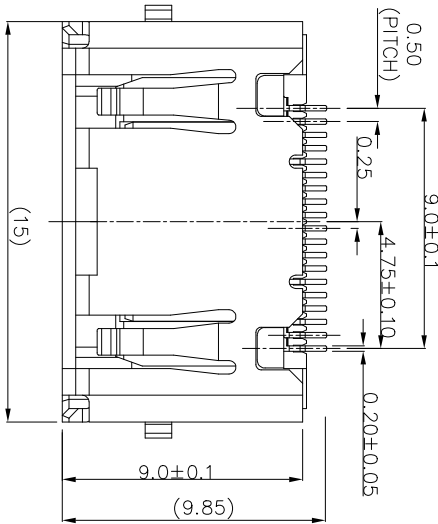
6

matl. code	surface	tolerance	projection	product family
ISO 1302	✓	ISO 406 ISO 1101		HDMI

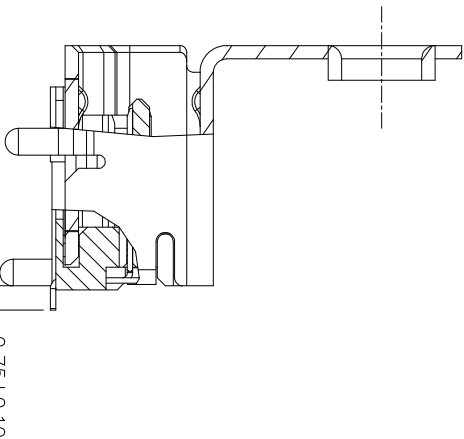
ltr	ecm no	dr	date	tolerances unless otherwise specified	angles	linear	mm	title
W	EX-N-34624	Jason	2019-08-27	.X±.3	.XX±.15	.XXX±.05	scale 4:1	HDMI TYPE A RECEPTACLE


sheet	revision	W	type	Product Customer Drawing
index	sheet	1		
dr	TONY LENG	2017-05-22	dwg no	sheet 1 of 5
engr	Jason Wang	2019-08-27	10029449	size A3
chr	-	-		
qppd	TIM YAO	2019-08-27		

PRODUCT NUMBER
10029449-002XLF

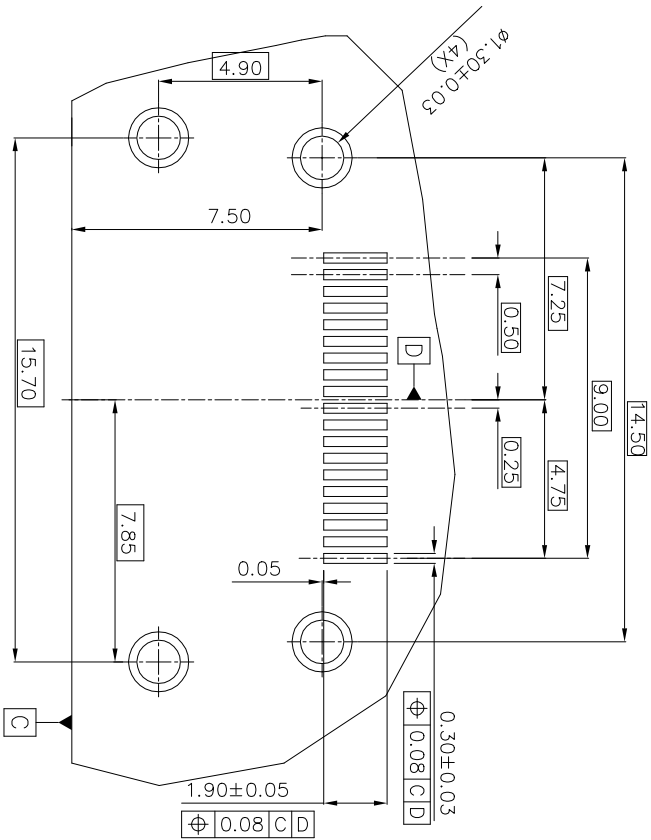


SECTION
B-B



mat'l. code				surface	tolerance	projection	product family			
				ISO 1302 ✓	ISO 406 ISO 1101		HDMI			
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title			
					angles	.X±.3	HDMI TYPE A RECEPTACLE			
					linear	.XX±.15	mm			
					0±x	.XXX±.05	scale 4:1			
			dr	TONY LENG	2017-05-22		dwg no			
			eng	Jason Wang	2019-08-27		sheet 2 of 5			
			chr	-	-		10029449			
			qppd	TIM YAO	2019-08-27		size			
sheet	revision	W					A3			
index	sheet	2					Product Customer Drawing			

PRODUCT NO.	CONTACT AREA PLATING	SHIELD FIGURE	PACKING
10029449-001TLF	30u" GXT MINIMUM	WITHOUT FLANGE	TRAY
10029449-001RLF	30u" GXT MINIMUM	WITHOUT FLANGE	TAPE AND REEL
10029449-101TLF	GOLD FLASH 3u" MIN	WITHOUT FLANGE	TRAY
10029449-101RLF	GOLD FLASH 3u" MIN	WITHOUT FLANGE	TAPE AND REEL
10029449-002TLF	30u" GXT MINIMUM	WITH FLANGE	TRAY
10029449-002RLF	30u" GXT MINIMUM	WITH FLANGE	TAPE AND REEL
10029449-002FLF	GOLD FLASH 3u" MIN	WITH FLANGE	TAPE AND REEL

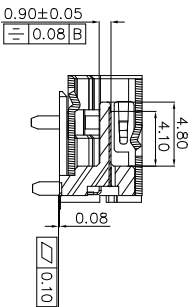
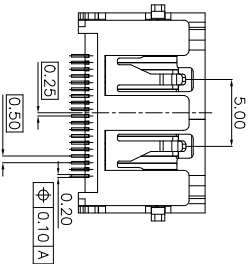
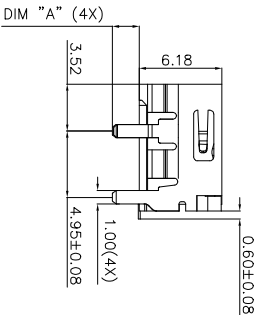
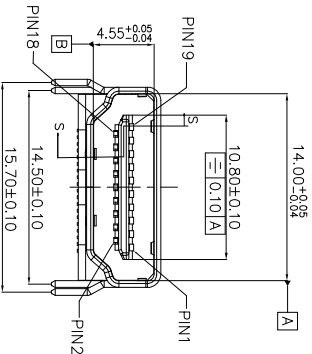
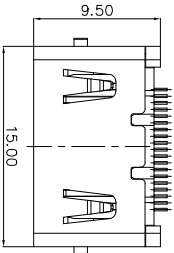


RECOMMENDED PCB PATTERN LAYOUT
(t=1.6mm)

- NOTE:
- 1.MATERIAL:
- 1-1 HOUSING: GLASS FIBER HIGH-TEMP. RESIN.(U194V-0)
- 1-2 CONTACT: BRASS
- 1-3 SHELL: STEEL
- 2.FINISH
- 2-1 CONTACT: NI UNDER PLATED ALL OVER 50u" MIN
- CONTACT AREA SEE TABLE
- 2-2 SHELL: NI 100u" MIN
- 3.PACKAGING:
- PACKAGING SPECIFICATION GS-14-939
- 4.PRODUCT SPEC:
- PRODUCT SPECIFICATION GS-12-309
- 5.REHS STANDARD SPECIFICATION ACCORDING TO FCI GS-22-008
- 6.PARTS MEET REFLOW APPLICATION PEAK TEM. 260°C, 10 SECONDS MAX.

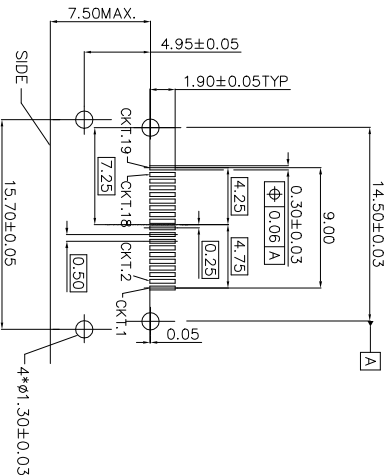
mat'l. code	surface	tolerance	projection	product family
ISO 1302	ISO 406	ISO 1101	HDMI	
tolerances unless otherwise specified				
angles	.XX \pm .3			
linear	.XX \pm .15			
0 \pm x'	.XXX \pm .05	scale 4:1		
dr	TONY LENG	2017-05-22		
engr	Jason Wang	2019-08-27		
chr	-	-		
qppd	TIM YAO	2019-08-27		
sheet	revision	w		
index	sheet	3		

PRODUCT NO.	CONTACT AREA PLATING	SHIELD FIGURE	DIM "A"	PACKING
10029449-111RLF	GOLD FLASH 3u" MIN	WITHOUT FLANGE	2.02±0.20	TAPE AND REEL
10029449-111FLF	GOLD FLASH 3u" MIN	WITHOUT FLANGE	2.02±0.20	TAPE AND REEL, OPPOSITE DIRECTION
10029449-113RLF	GOLD FLASH 3u" MIN	WITHOUT FLANGE	0.90±0.20	TAPE AND REEL





SECTION S-S
SCALE 1:1

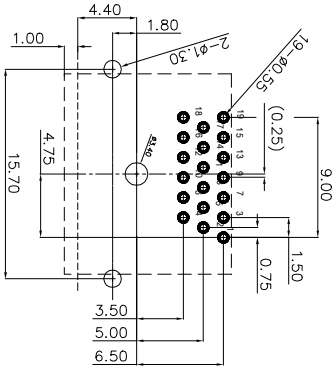
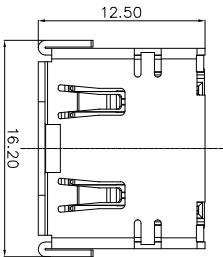
- NOTE:
1. MATERIAL:
HOUSING: HIGH TEMP. THERMOPLASTIC, UL 94V-0
COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE
SHIELD: BRASS
2. FINISH:
SEE NOTES.
3. TERMINAL RETENTION FORCE TO BE 0.3kgf MIN.
4. TERMINAL CUT-OFF BURR TO BE 0.05MAX.



RECOMMENDED PCB LAYOUT
CONNECTOR SIDE

mat'l. code		surface	tolerance	projection	product family	
		ISO 1302	ISO 406	ISO 1104	HDMI	
tr ecn no dr		tolerances unless otherwise specified			title	
		angles	.X±.3		HDMI TYPE A RECEPTACLE	
		linear	.XX±.15			
		0±x"	.XXX±.05		scale 2:1	
		dr	TONY LENG	2017-05-22	dwg no	sheet 4 of 5
		eng	Jason Wang	2019-08-27	10029449	size
		chr	-	-	A3	
		ppd	TIM YAO	2019-08-27		
revision		W			type Product Customer Drawing	
sheet index	sheet 4					

PRODUCT NO.	CONTACT AREA PLATING	SHIELD FIGURE	PACKING
10029449-112TLF	GOLD FLASH 3u" MIN	WITH FLANGE	TRAY
10029449-112RLF	GOLD FLASH 3u" MIN	WITH FLANGE	TAPE AND REEL



NOTE:

1.MECHANICAL CHARACTERISTICS

INSERTION FORCE: 44.1N MAX

WITHDRAWAL FORCE: 9.8N MIN, 39.2N MAX

MATING CYCLE:10000 CYCLES

CONTACT PULL OUT FORCE: 1.96N/PIN MIN

2.ELECTRICAL CHARACTERISTICS

RATING CURRENT: 0.5A

RATING VOLTAGE: 40V

CONTACT RESISTANCE: 10 MILLOHMS OHMS MAX

(EXCLUDING CONDUCTOR RESISTANCE)

INSULATION RESISTANCE:

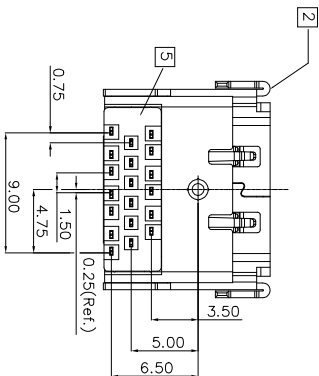
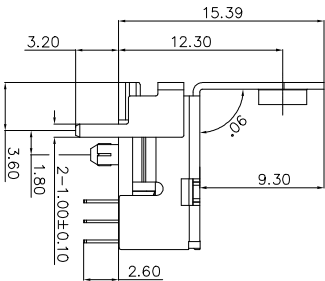
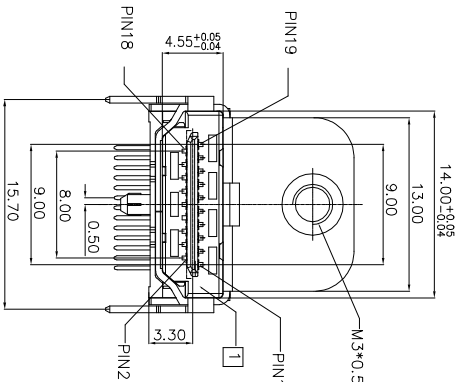
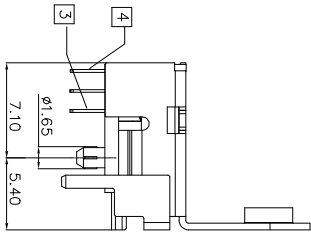
a. UNMATED: 100M OHMS MIN AT 500 VDC

b. MATED: 10M OHMS MIN AT 150 VDC

DIELECTRIC WITHSTANDING VOLTAGE: 300V AC/1MINUTE

OPERATING TEMPERATURE: -20C--+85C

STORAGE TEMPERATURE: -20C--+65C



Amphenol
FCI

© 2016 AFCI