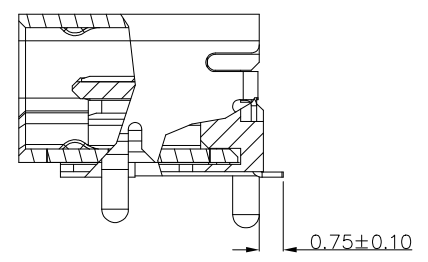
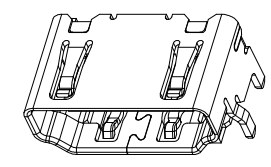
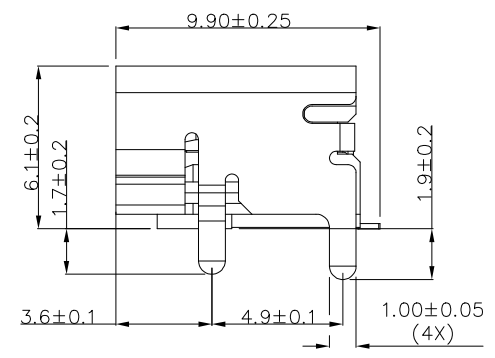
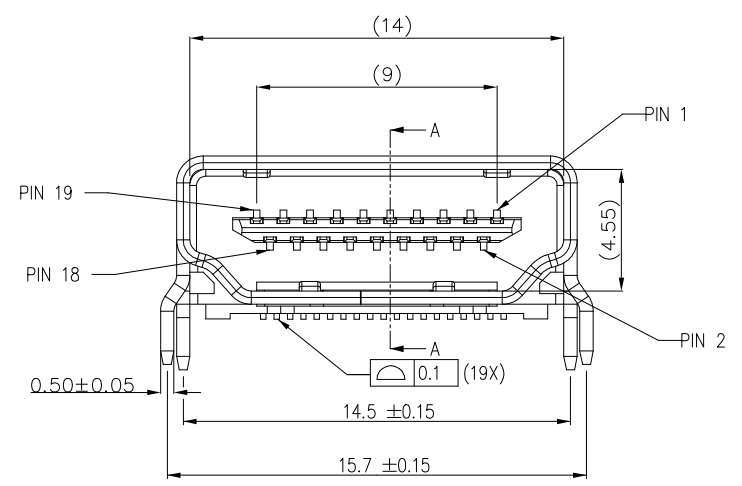
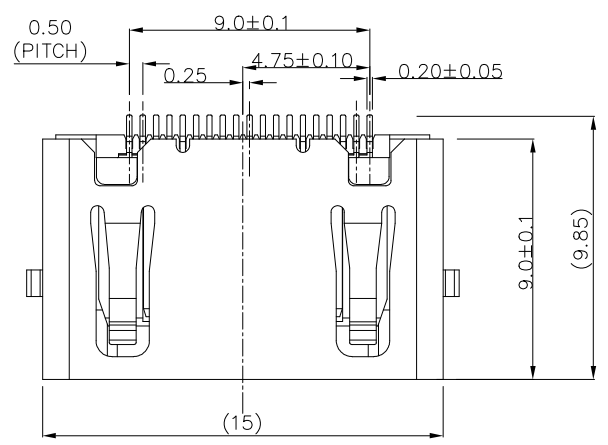


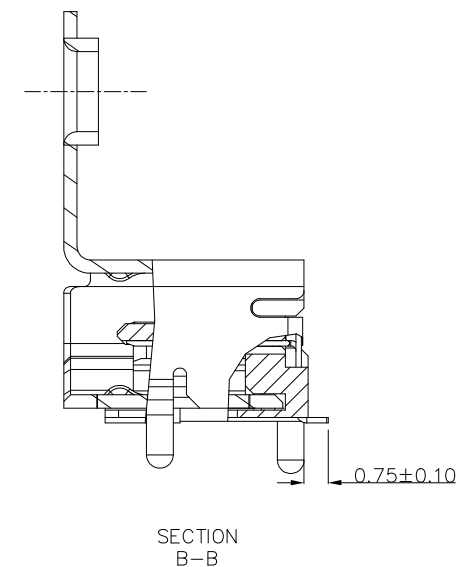
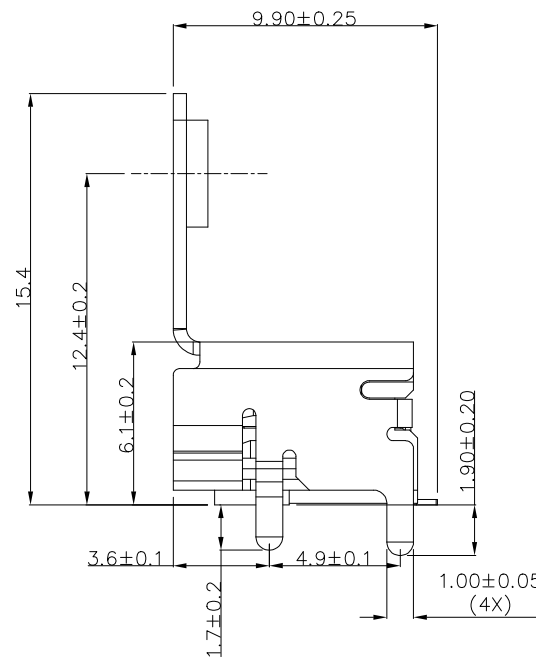
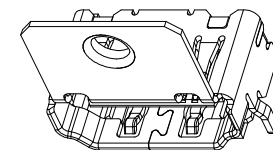
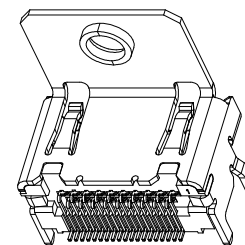
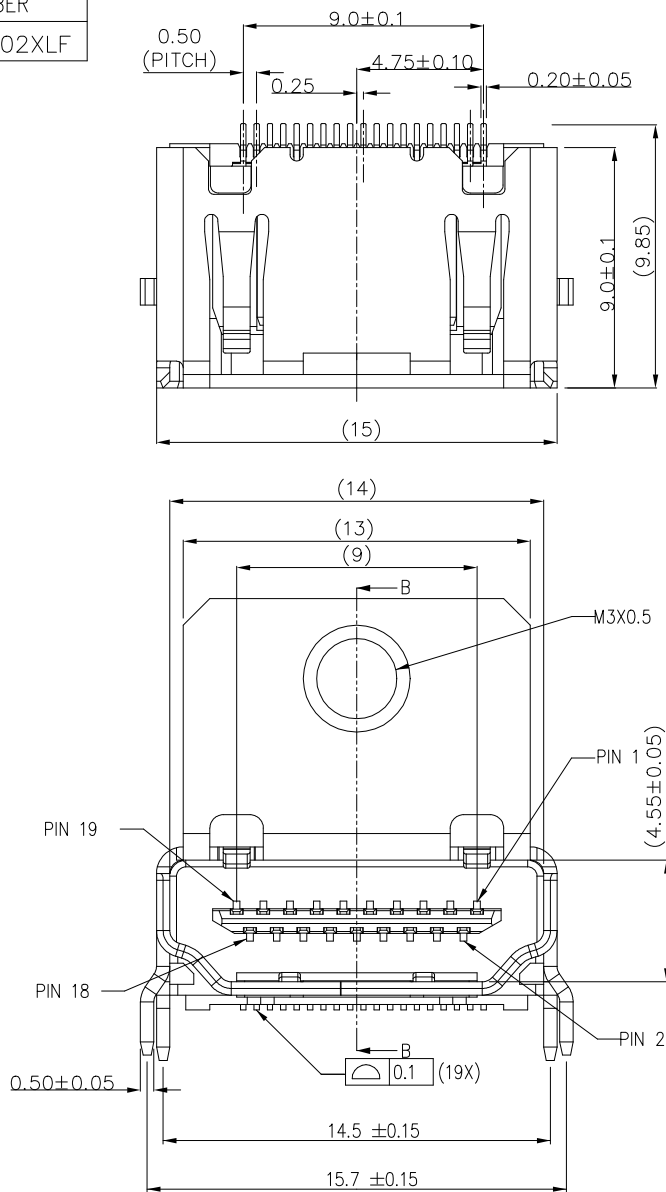
PRODUCT NUMBER
10029449-X01XLF



SECTION
A-A

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family HDMI			
ltr	ecn no	dr	date	tolerances unless otherwise specified		angles				title HDMI TYPE A RECEPTACLE			
W	ELX-N-34628	Jason	2019-08-27			.X±.3							
X	ELX-N-38366	Jason	2020-09-16			.XX±.15							
Y	ELX-N-46981	TY	2022-01-11	0'±x'		.XXX±.05		scale 4:1					
				dr	TONY LENG	2017-05-22			dwg no		sheet 1 of 5	size	
				enr	TY.Tang	2023-01-11			10029449		A3		
				chr	-	-							
				appd	TIM YAO	2020-09-16							
sheet index		revision sheet		Y	1					type Product Customer Drawing			

PRODUCT NUMBER
10029449-002XLF



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				HDMI TYPE A RECEPTACLE							
						linear		mm									
						0°±x'		scale 4: 1									
						dr		TONY LENG		2017-05-22		dwg no		sheet2 of 5		size	
						engr		TY.Tang		2023-01-11				10029449		A3	
						chr		-		-							
						appd		TIM YAO		2020-09-16		type		Product Customer Drawing			
sheet		revision		Y													
index		sheet		2													

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

NOTE:

1.MATERIAL:

1-1 HOUSING: GLASS FIBER HIGH-TEMP. RESIN.(UL94V-0)

1-2 CONTACT: BRASS

1-3 SHELL: STELL

2.FINISH

2-1 CONTACT: Ni UNDER PLATED ALL OVER 50u" MIN

CONTACT AREA SEE TABLE

2-2 SHELL: Ni 100u" MIN

3.PACKAGING:

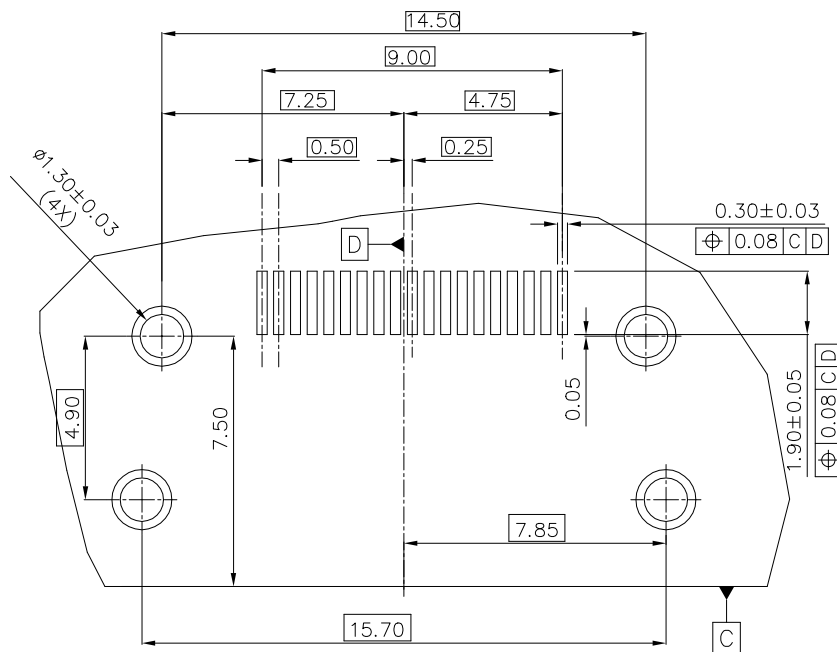
PACKAGING SPECIFICATION GS-14-939

4.PRODUCT SPEC:

PRODUCT SPECIFICATION GS-12-309

5.RoHS STANDARD SPECIFICATION ACCORDING TO FCI GS-22-008

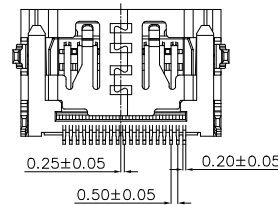
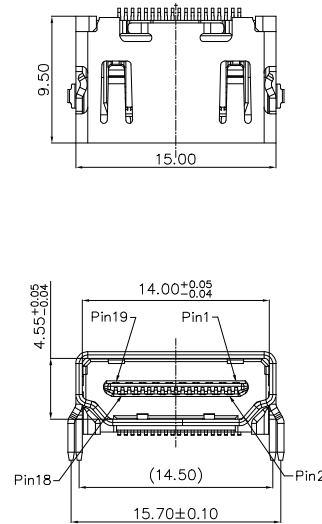
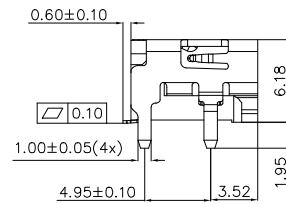
6.PARTS MEET REFLOW APPLICATION PEAK TEM. 260°C, 10 SECONDS MAX.



RECOMMENDED PCB PATTERN LAYOUT
(t=1.6mm)

mat'l. code				surface	ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family	HDMI			
ltr	ecn	no	dr	date	tolerances	unless	otherwise	specified	mm	title	HDMI TYPE A RECEPTACLE			
					angles	linear	.X±.3							
					0'±x'		.XX±.15							
							.XXX±.05		scale 4:1					
					dr	TONY LENG	2017-05-22			dwg no	sheet3 of 5	size		
					engr	TY.Tang	2023-01-11			10029449		A3		
					chr	-	-			type	Product	Customer	Drawing	
					appd	TIM YAO	2020-09-22							
sheet	revision	Y												
index	sheet	3												

PRODUCT NO.	CONTACT AREA PLATING	SHIELD FIGURE	DIM "A"	PACKING
10029449-111RLF	GOLD FLASH 3u" MIN	WITHOUT FLANGE	1.95±0.20	TAPE AND REEL
10029449-111FLF	GOLD FLASH 3u" MIN	WITHOUT FLANGE	1.95±0.20	TAPE AND REEL, OPPOSITE DIRECTION
10029449-113RLF	GOLD FLASH 3u" MIN	WITHOUT FLANGE	0.90±0.20	TAPE AND REEL



NOTE:

1.MATERIAL:

HOUSING: HIGH TEMP.THERMOPLASTIC, UL 94V-0

COLOR: BLACK.

CONTACT: PHOSPHOR BRONZE

SHIELD: BRASS

2.FINISH:

SEE NOTES.

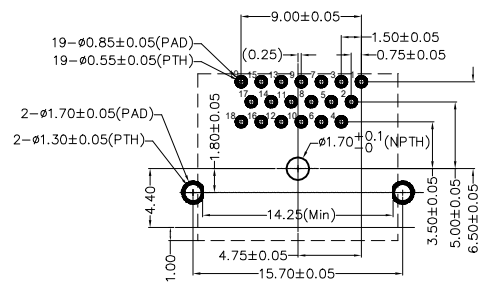
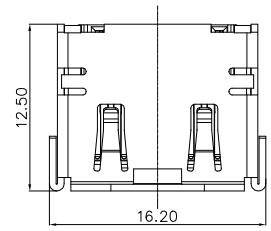
3.TERMINAL RETENTION FORCE TO BE 0.3kgf MIN.

4.TERMINAL CUT-OFF BURR TO BE 0.05MAX.

Recommended PCB Layout Connector Side
(General Tolerance: ±0.05)

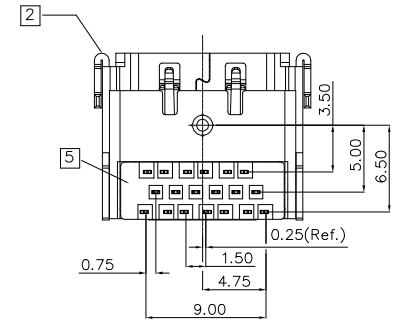
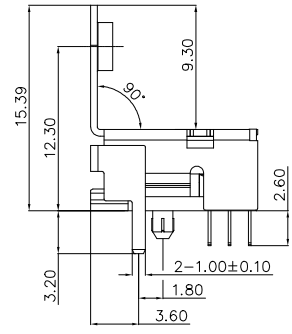
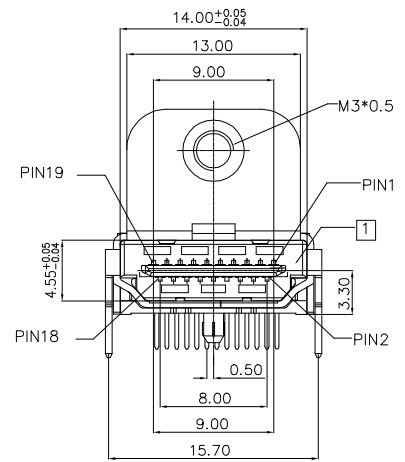
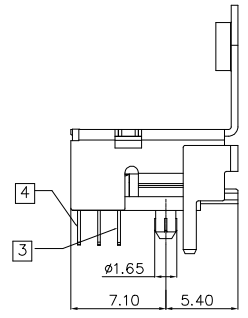
mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 1101	product family HDMI			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm scale 2:1	title HDMI TYPE A RECEPTACLE			
X	ELX-N-38366	Jason	2020/9/16	angles	linear		dwg no 10029449 type Product Customer Drawing			
				0'±x'						
				dr	TONY LENG	2017-05-22				
				engr	TY.Tang	2023-01-11				
				chr	-	-				
				appd	TIM YAO	2020-09-16				
sheet index	revision	Y								
	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



RECOMMENDED PCB LAYOUT(t=1.60±0.15)
COMPONENT SIDE

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: -20°C--+85°C
STORAGE TEMPERATURE: -20°C--+65°C



mat'l. code	surface	tolerance	projection	product family
	ISO 1302 ✓	ISO 406 ISO 1101		HDMI
ltr	ecn no	dr	date	title
				HDMI TYPE A RECEPTACLE
				dwg no
				sheet 5 of 5
				size
				A3
				type
				Product Customer Drawing
sheet	revision	Y		
index	sheet	5		