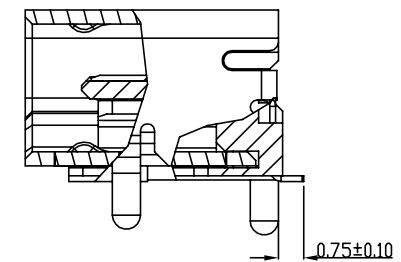
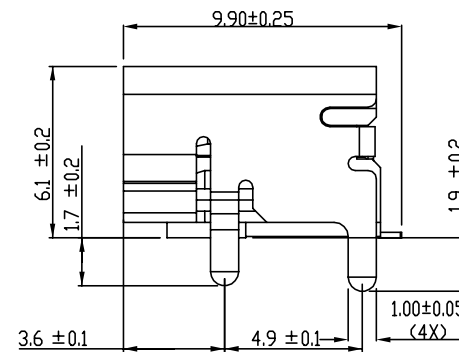
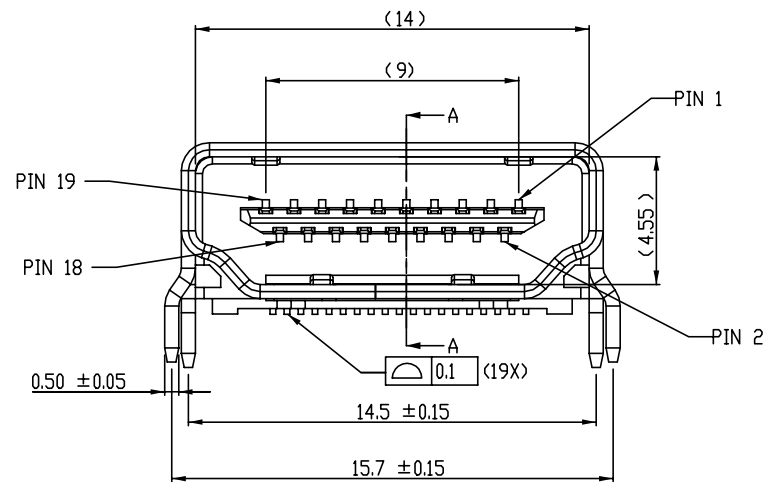
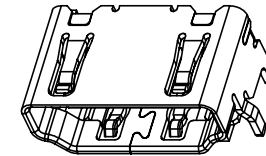
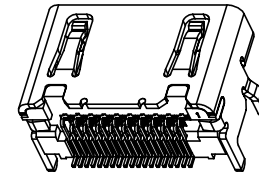
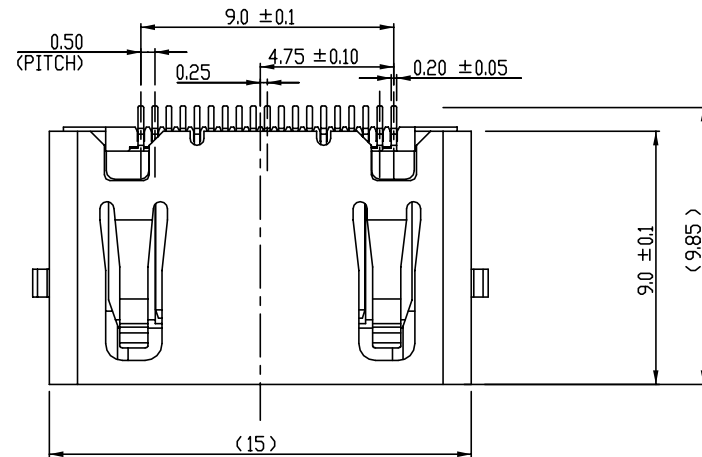


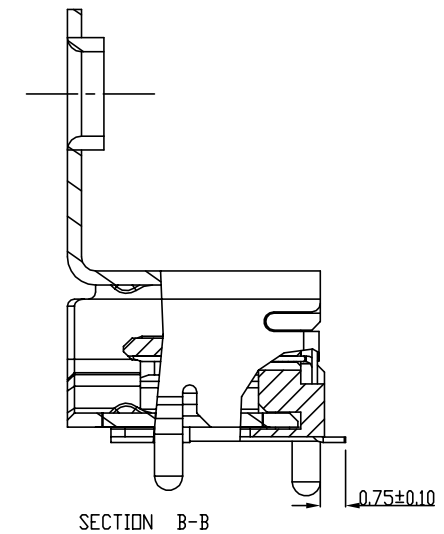
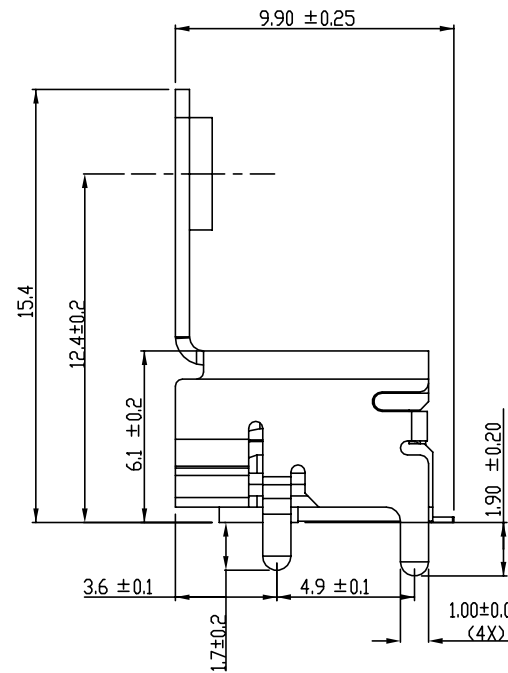
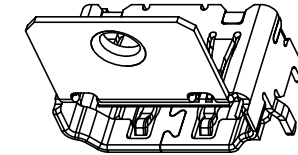
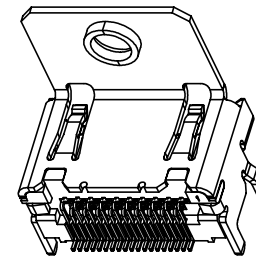
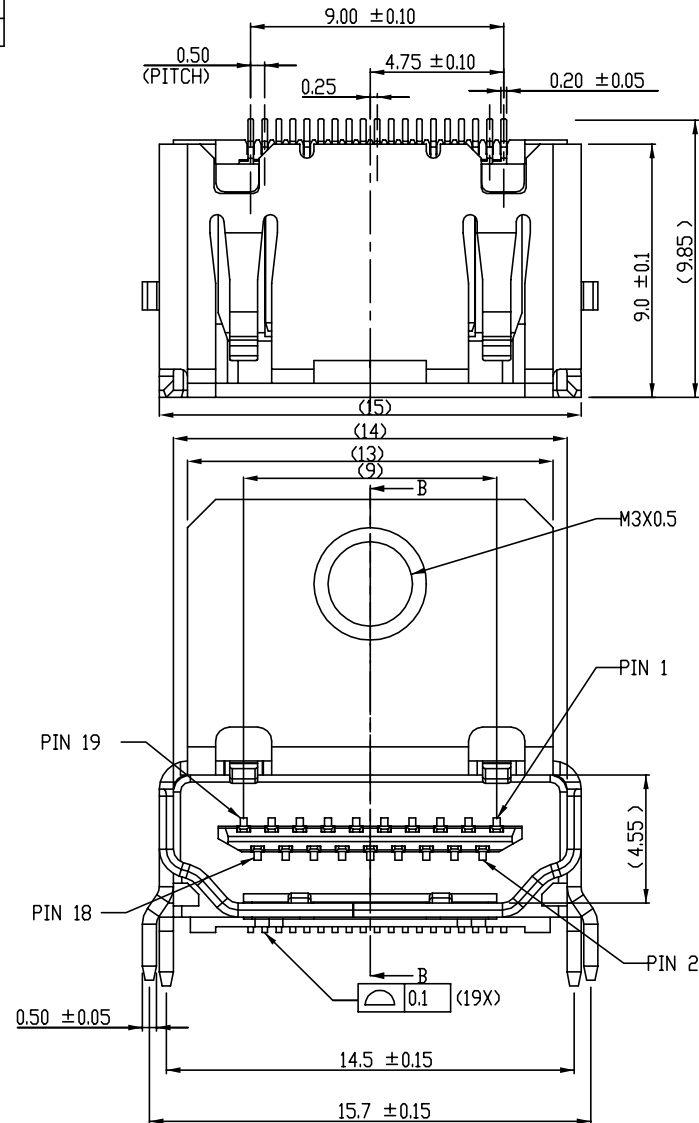
PRODUCT NO.
10029449-X01XLF



SECTION A-A

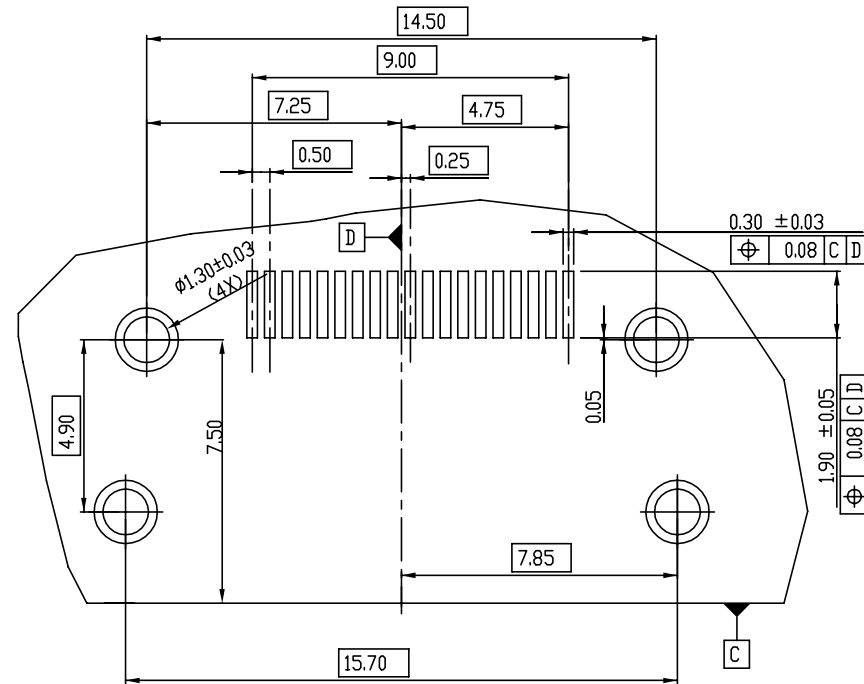
mat'l. code				surface	tolerance	projection	product family			
ltr ecn nodr				ISO1302	ISO1101 ISO406		HDMI			
date				tolerances unless otherwise specified			HDMI TYPE A RECEPTACLE			
M	N09-0307	SH	10/21/09	angle of projection	.X±0.3	MM				
N	N10-0033	SH	02/01/10		.XX±0.15					
P	N10-0201	KW	2011-02-14		.XXX±0.05					
R	N12-0001	SH	2012-02-23	dr	LEIF SHEN	10/15/04	dwg no		sheet 1 of 5	size
S	N12-0003	AZH	2012-06-13	enr	LEIF SHEN	10/15/04	10029449		A4	
				chr	PAUL WANG	10/15/04	type		Product Customer Drawing	
				app	JOSEPH HSIA	10/15/04				
sheet	revisions	s	s	s	s					
index	sheet	1	2	3	4	5				

PRODUCT NO.
10029449-002XLF



mat'l. code				surface	tolerance	projection	product family		
ISO1302				ISO1101	ISO406		HDMI		
tolerances unless otherwise specified									
ltr	ecn	nodr	date	angle	linear		HDMI TYPE A RECEPTACLE		
M	N09-0307	SH	10/21/09			.X±0.3			
N	N10-0033	SH	02/01/10			.XX±0.15			
P	N10-0201	KW	2011-02-14	0°±2°		.XXX±0.05			
R	N12-0001	SH	2012-03-08	dr	LEIF SHEN	10/15/04			
S	N12-0003	A.ZH	2012-06-13	engr	LEIF SHEN	10/15/04			
				chr	PAUL WANG	10/15/04			
				app	JOSEPH HSIA	10/15/04			
sheet		revision							
index		sheet							

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)

NOTES:

1.MATERIAL

- 1-1 HOUSING: GLASS FIBER HIGH-TEMP. RESIN.(UL94V-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. RoHS 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			
				ISO1302 ✓		ISO1101 ISO406				HDMI			
ltr ecn nodr date				tolerances unless otherwise specified				title					
M	N09-0307	SH	10/21/09	angle of projection			.X±0.3			HDMI TYPE A RECEPTACLE			
N	N10-0033	SH	02/01/10				.XX±0.15						
P	N10-0201	KW	2011-02-14		0°±2°		.XXX±0.05						
								scale 4.0					
R	N12-0001	SH	2012-03-08	dr	LEIF SHEN	10/15/04			dwg no		sheet 3 of 5		size
S	N12-0003	A.ZH	2012-06-13	enr	LEIF SHEN	10/15/04			10029449		A4		
				chr	PAUL WANG	10/15/04							
				app	JOSEPH HSIA	10/15/04							
sheet		revision											
index		sheet											

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
10029449-113RLF	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

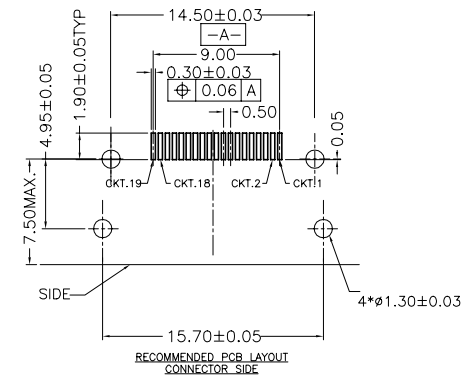
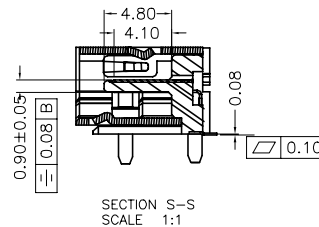
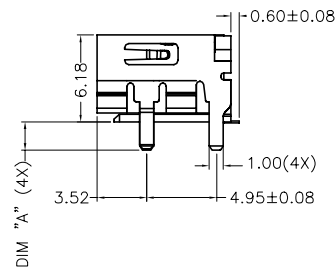
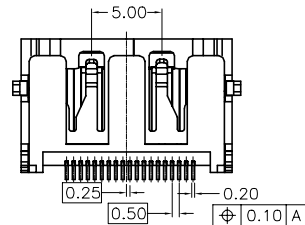
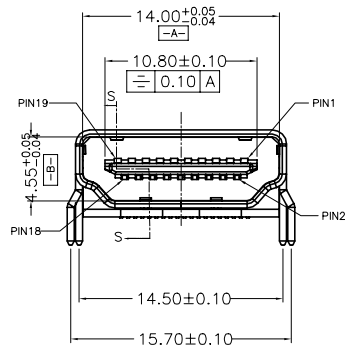
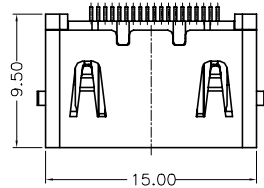
SHIELD: BRASS

2.FINISH:

SEE NOTES.

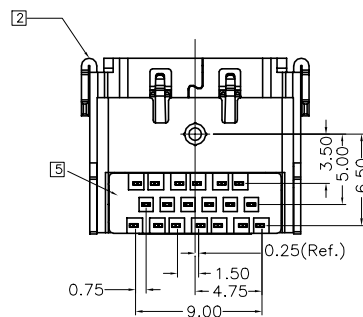
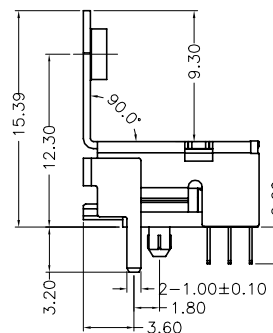
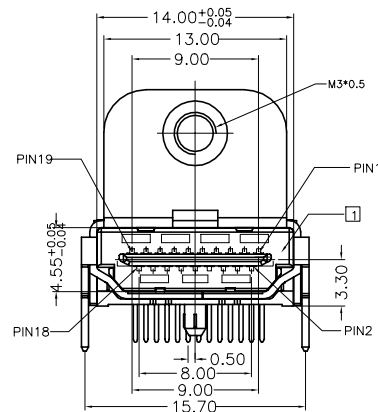
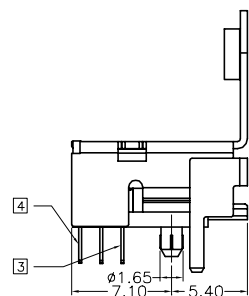
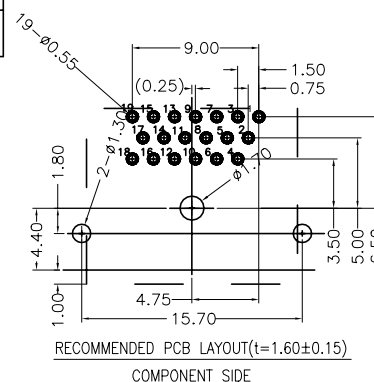
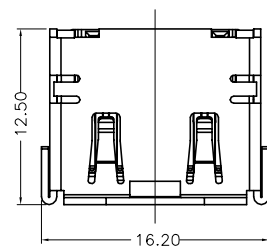
3.TERMINAL RETENTION FORCE TO BE 0.3kgf MIN.

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



mat'l. code				surface		tolerance		projection		product family			
				ISO1302 ✓		ISO1101 ISO406				HDMI			
ltr		ecn		nodr		date		tolerances unless otherwise specified		title			
M		N09-0307		SH		10/21/09				HDMI TYPE A RECEPTACLE			
N		N10-0033		SH		02/01/10							
P		N10-0201		KW		2011-02-14							
						angle		linear					
						0°±2'		.X±0.3					
								.XX±0.15					
								.XXX±0.05		scale 2.0			
R		N12-0001		SH		2012-03-09		dr		LEIF SHEN		10/15/04	
S		N12-0003		AZH		2012-06-13		engr		LEIF SHEN		10/15/04	
								chr		PAUL WANG		10/15/04	
								app		JOSEPH HSIA		10/15/04	
sheet		revision											
index		sheet											

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



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 ISO1302 ✓		tolerance ISO1101 ISO406		projection 		product family HDMI											
l		tr		ec		n		odr		date		tolerances unless otherwise specified									
M		N09-0307		SH		10/21/09		angle linear		.0±0.3				HDMI TYPE A RECEPTACLE							
N		N10-0033		SH		02/01/10		.00±0.15													
P		N10-0201		KW		2011-02-14		0°±2'		.000±0.05		scale 2.0									
R		N12-0001		SH		2012-03-09		dr		LEIF SHEN		10/15/04				dwg no		sheet 5 of 5		siz	
S		N12-0003		A.ZH		2012-06-13		en		LEIF SHEN		10/15/04				10029449		A4			
								chr		PAUL WANG		10/15/04									
								app		JOSEPH HSIA		10/15/04				type		Product		Customer Drawing	
sheet		revision																			
index		sheet																			