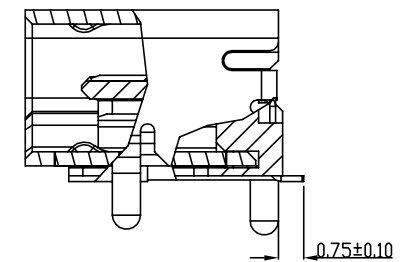
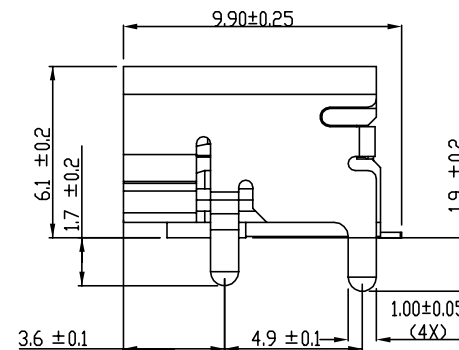
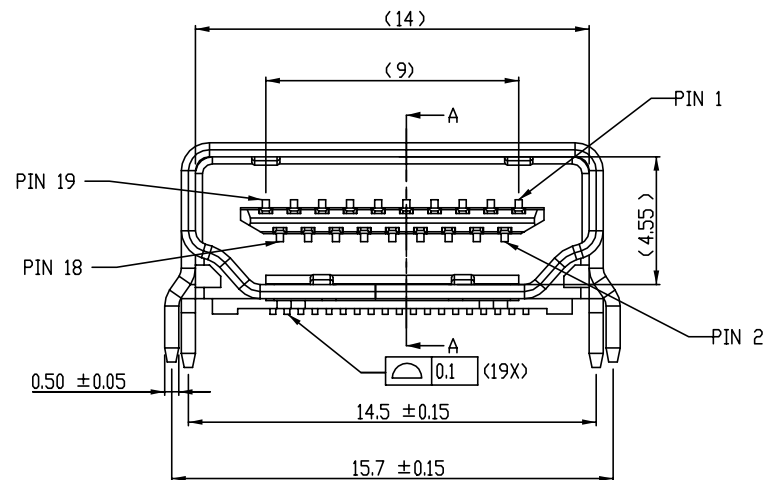
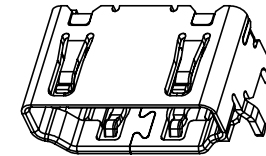
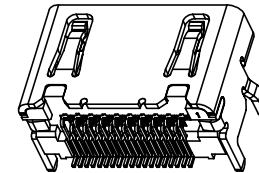
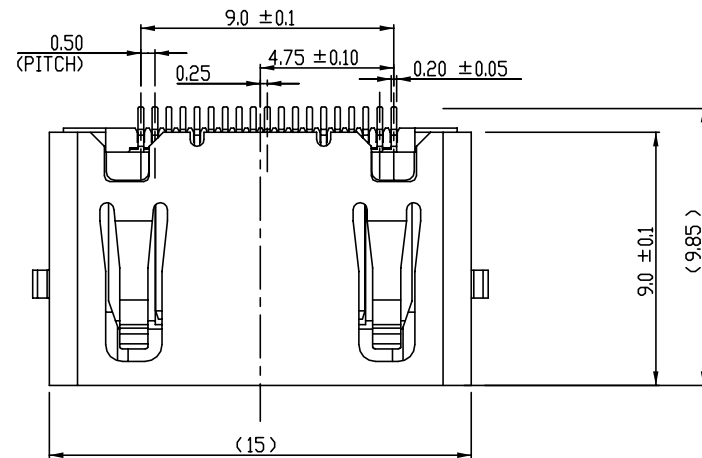




PRODUCT NO.  
10029449-X01XLF

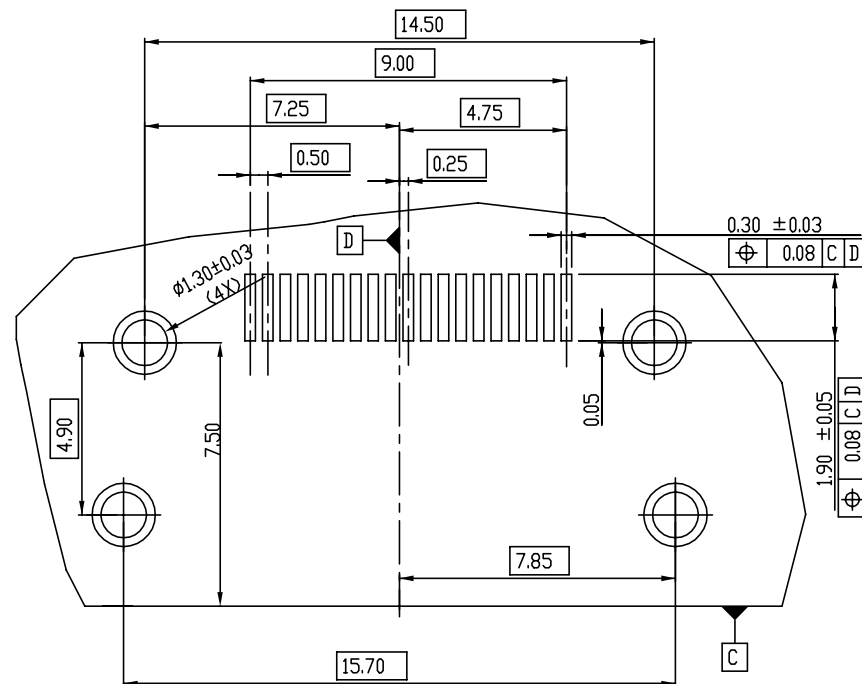


SECTION A-A

mat'l. code				surface		tolerance	projection	product family	
ltr ecn nodr				ISO1302		ISO1101 ISO406	MM	HDMI	
date				tolerances unless otherwise specified				HDMI TYPE A RECEPTACLE	
M	N09-0307	SH	10/21/09	angle of view	10°±2°	.X±0.3	scale 4.0		
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 10029449 sheet 1 of 5 size A4
S	N12-0003	AZH	2012-06-13	enr	LEIF SHEN	10/15/04			
				chr	PAUL WANG	10/15/04			
				app	JOSEPH HSIA	10/15/04	type Product Customer Drawing		
sheet	revisions	s	s	s	s				
index	sheet	1	2	3	4	5			



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						
R	N12-0001	SH	2012-03-09	dr	LEIF SHEN	10/15/04			dwg no		sheet3 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								type		Product Customer Drawing	
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

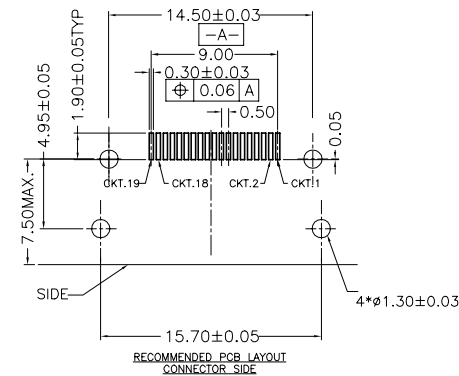
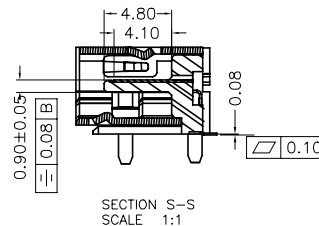
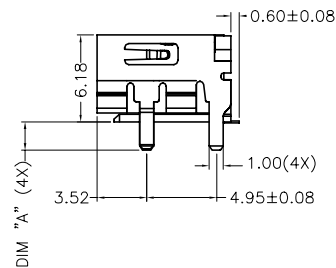
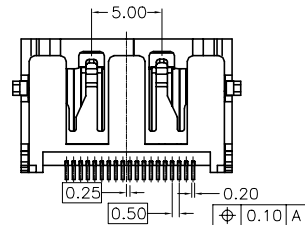
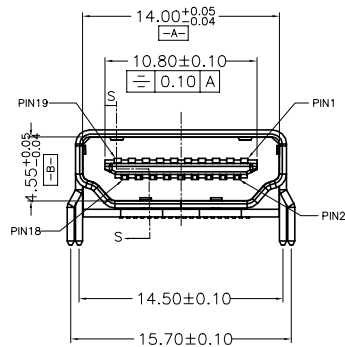
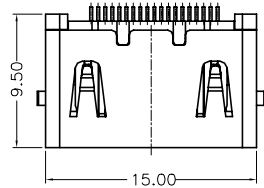
SHIELD: BRASS

## 2.FINISH:

SEE NOTES.

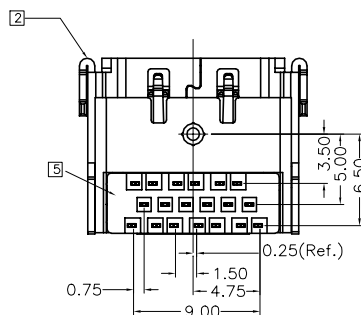
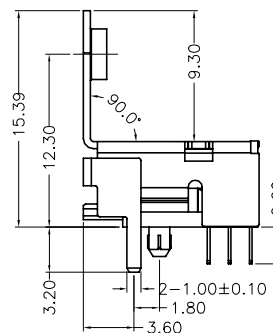
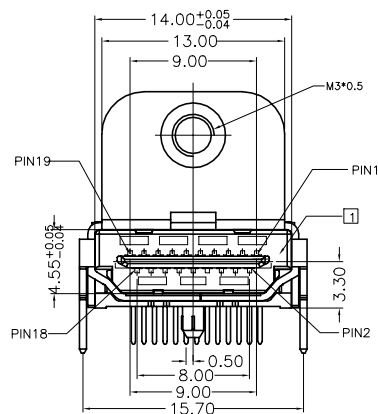
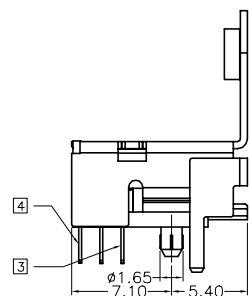
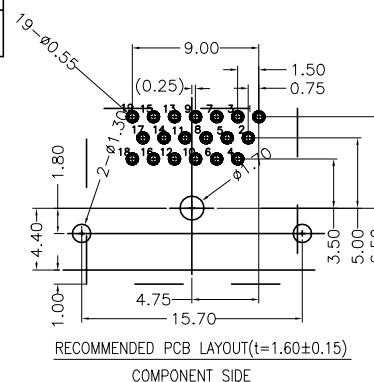
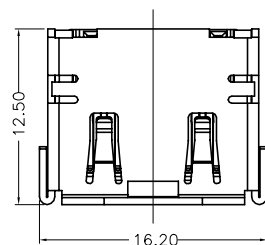
3.TERMINAL RETENTION FORCE TO BE 0.3kgf MIN.

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



mat'l. code		surface		tolerance		projection		product family	
ISO1302		ISO1101		ISO406		MM		HDMI	
ltr	ecn	nodr	date	tolerances unless otherwise specified		scale		title	
M	N09-0307	SH	10/21/09	.X±0.3		2.0		HDMI TYPE A RECEPTACLE	
N	N10-0033	SH	02/01/10	.XX±0.15		2.0			
P	N10-0201	KW	2011-02-14	.XXX±0.05		2.0			
R	N12-0001	SH	2012-03-09	dr	LEIF SHEN	10/15/04	dwg no		sheet4of5
S	N12-0003	AZH	2012-06-13	engr	LEIF SHEN	10/15/04	10029449		A4
				chr	PAUL WANG	10/15/04	type		Product Customer Drawing
				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				title					
M		N09-0307		SH		10/21/09				.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											
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																			

# Mouser Electronics

Authorized Distributor

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<u><a href="#">10029449-002RLF</a></u>	<u><a href="#">10029449-101RLF</a></u>	<u><a href="#">10029449-001TLF</a></u>	<u><a href="#">10029449-101TLF</a></u>	<u><a href="#">10029449-001RLF</a></u>	<u><a href="#">10029449-002TLF</a></u>
<u><a href="#">10029449-002FLF</a></u>	<u><a href="#">10029449-111RLF</a></u>	<u><a href="#">10029449-113RLF</a></u>	<u><a href="#">10029449-112RLF</a></u>	<u><a href="#">10029449-112TLF</a></u>	