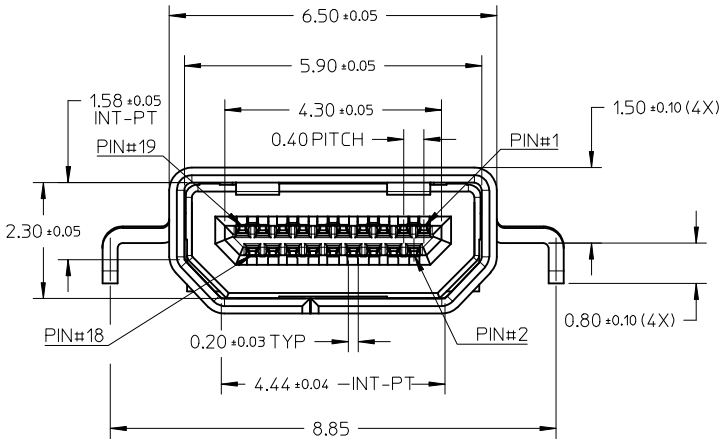
Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

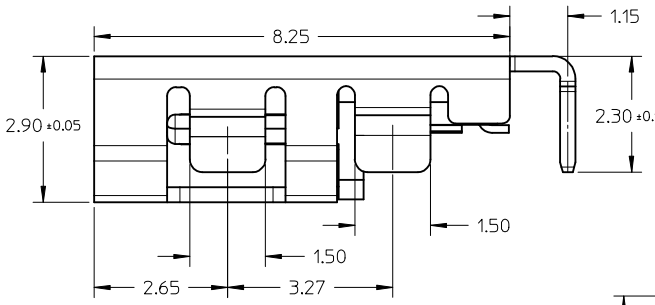
With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

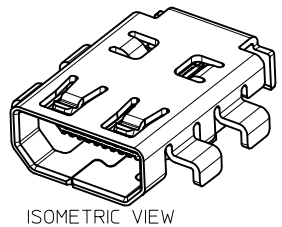
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

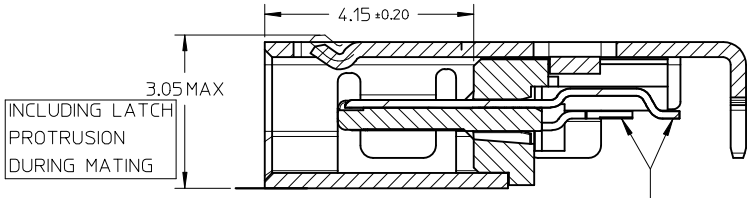
Contact us

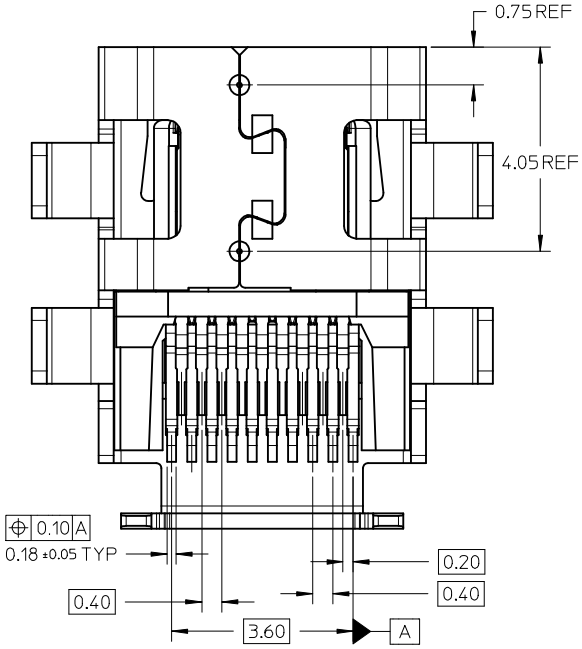
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

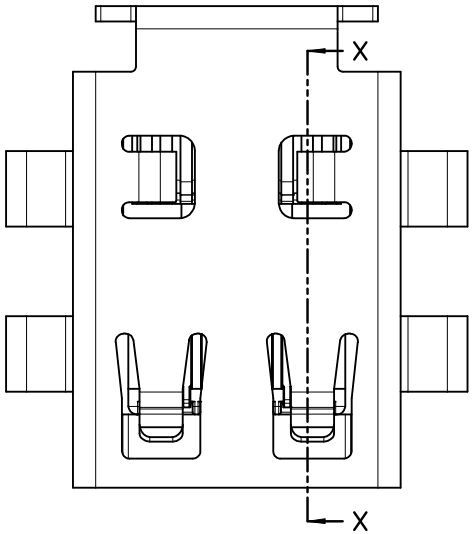


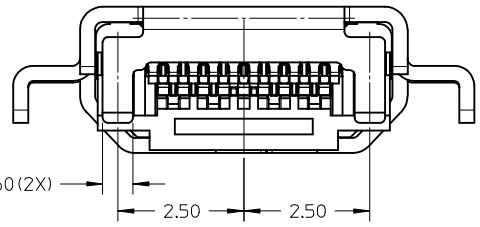



ISOMETRIC VIEW









NOTES:
1. MATERIALS:
   HOUSING: LCP, 30% GLASS FILLED, UL 94V-0
   TERMINALS: COPPER ALLOY
   SHIELD: STAINLESS STEEL
2. FINISHES:
   TERMINALS: GOLD ON CONTACT AREA (Refer Table)
   AND 0.05μm MIN GOLD FLASH ON SOLDER TAILS
   ALL OVER 2.0μm MIN NICKEL UNDERPLATE
   SHIELD: 2.0μm MIN MATTE TIN OVER 1.27μm MIN NICKEL
3. PRODUCT SPECIFICATION: PS-46765-001
4. PACKAGING SPECIFICATION: TAPE AND REEL
5. SEE SHEET 2 OF 2 FOR RECOMMENDED PCB LAYOUT
6. TERMINAL SOLDERTAIL COPLANARITY 0.08MAX
7. INSERSION FORCE: 44.1N MAX
   WITHDRAWAL FORCE: 5N MIN AND 25N MAX

MOUNTING TYPE	Contact: 0.76μM Gold Min PART NUMBER	Contact: 0.38μM Gold Min PART NUMBER
ASSEMBLY	78592-0001	78592-0301

REDRAWN
EC NO: S2013-0058 2012/07/27
DRWN: CWANG25 2012/07/27
CH'KD: JESSIECHUA 2012/07/30
APPR: SHONG
DESCRIPTION
REV
A1

QUALITY SYMBOLS
FA=0
FC=0
FP=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.15	± ---
1 PLACE	± ---	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

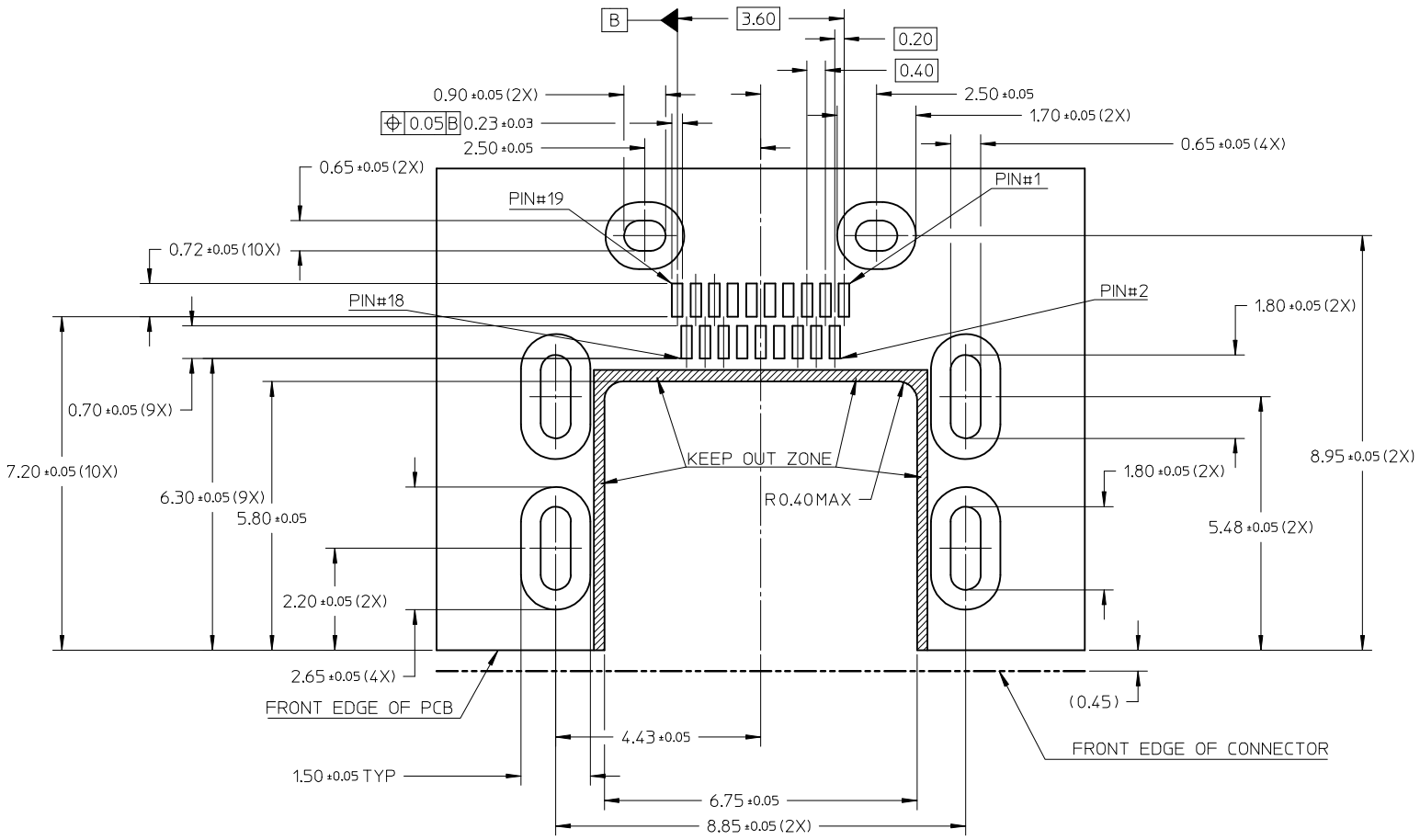
DIMENSION STYLE: MM ONLY
SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: CWANG25 DATE: 2011/07/19
CHECKED BY: JESSIECHUA DATE: 2011/07/19
APPROVED BY: NAGESHKN DATE: 2011/07/25
MATERIAL NO.: SEE TABLE

TITLE: MICRO HDMI-D, RECEPTACLE 0.4 PITCH, OFFSET MIDMNT 6-LEG THRUHOLE
MOLEX INCORPORATED
DOCUMENT NO.: SD-78592-001
SHEET NO.: 1 OF 2
SIZE: A3

PIN	SIGNAL ASSIGNMENT
1	Hot Plug Detect
2	Utility
3	TMDS Data2+
4	TMDS Data2 Shield
5	TMDS Data2-
6	TMDS Data1+
7	TMDS Data1 Shield
8	TMDS Data1-
9	TMDS Data0+
10	TMDS Data0 Shield
11	TMDS Data0-
12	TMDS Clock+
13	TMDS Clock Shield
14	TMDS Clock-
15	CEC
16	DDC/CEC Ground
17	SCL
18	SDA
19	+5V Power

CONNECTION	SIGNALS
	TYPE D CONNECTOR
FIRST MAKE	CONNECTOR SHELL
SECOND MAKE	PINS 1 - 18
THIRD MAKE	PIN 19 (+5V POWER)



PCB LAYOUT

REDRAWN
EC NO: S2013-0058 2012/07/27
DRWN:CWANG25 2012/07/27
CH'KD:JESSIECHUA 2012/07/30
APPR:SHONG
DESCRIPTION
REV

A1

QUALITY SYMBOLS
FA=0
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GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.15	± ---
1 PLACE	± ---	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: CWANG25 DATE: 2011/07/19
CHECKED BY: JESSIECHUA DATE: 2011/07/19
APPROVED BY: NAGESHKN DATE: 2011/07/25
MATERIAL NO.: SEE TABLE

TITLE: MICRO HDMI-D, RECEPTACLE 0.4 PITCH, OFFSET MIDMNT 6-LEG THRUHOLE

molex MOLEX INCORPORATED

DOCUMENT NO.: SD-78592-001
SHEET NO.: 2 OF 2

SIZE A3