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Part Number:

0470801020

Status:

Active

Description:

1.27mm (.050") Pitch Serial ATA Shrouded Signal Plug, Surface Mount, 7 Circuits, with Peg and Locking Latch, Color Black, 0.76µm (30µ") Gold (Au) Plating, Matte Tin, Lead-free

Documents:	
3D Model	Product Specification PS-67490-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR 19980
UL	E29179

General

Product Family	PCB Headers
Series	47080
Application	Board-to-Board, Wire-to-Board
Product Name	Serial ATA

Physical

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
Durability (mating cycles max)	500
First Mate / Last Break	Yes
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (mm)	1.27 mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Termination Interface: Style	Surface Mount

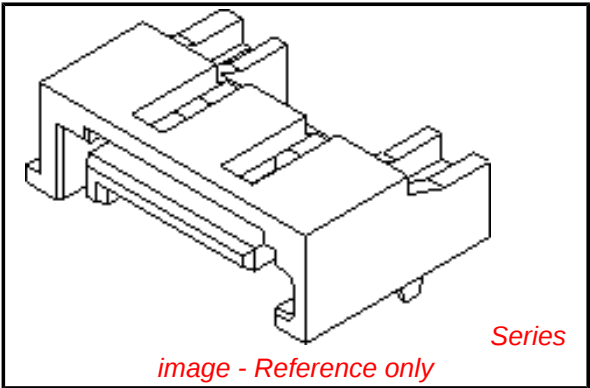
Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	15V

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-47080-001
Product Specification	PS-67490-001, RPS-67490-002
Sales Drawing	SD-47080-001



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

47080Series

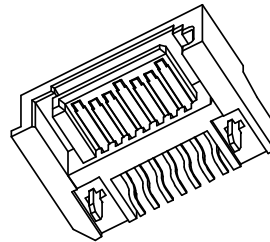
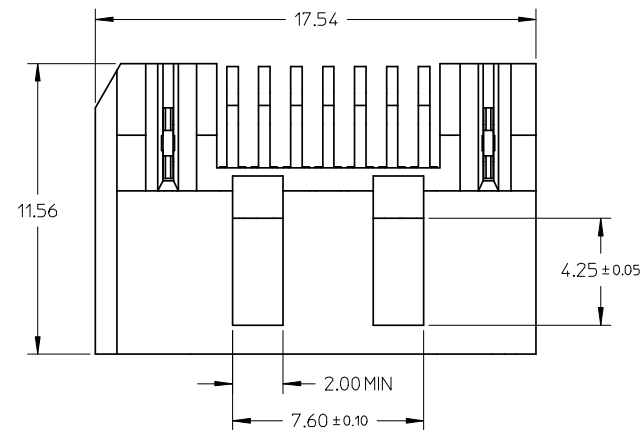
Mates With

67489 , 88750-5310 , 88750-5318 , 88750-5410 , 88750-54 18

This document was generated on 05/10/2010

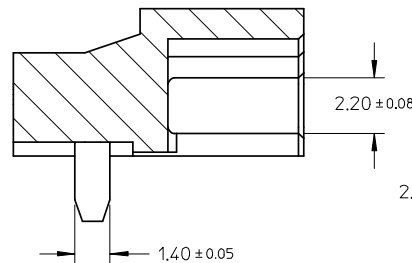
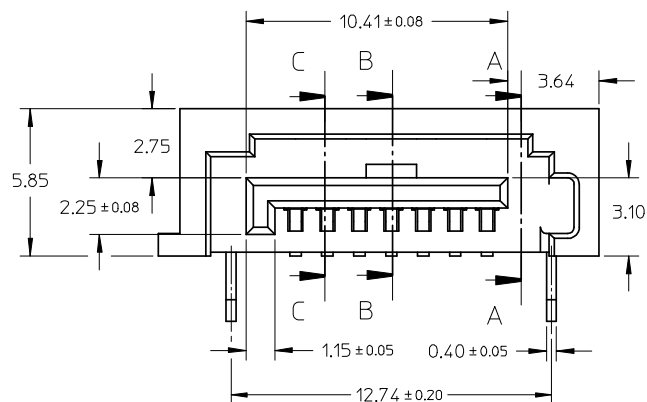
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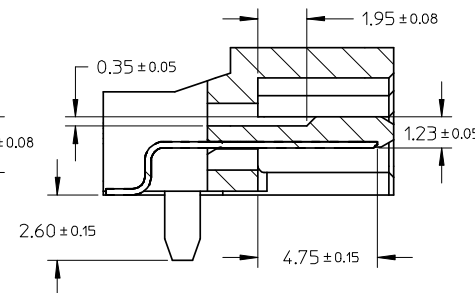


NOTES:

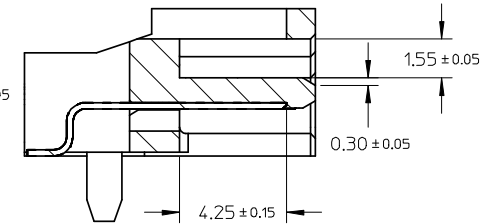
1. MATERIAL:
HOUSING: HIGH TEMPERATURE PLASTIC, GLASS FILLED, UL94V-0, COLOR: SEE CHART;
TERMINAL/PEG: COPPER ALLOY;
MYLAR: ADHENSIVE TAPE.
2. TERMINAL AND PEG PLATING:
CONTACT AREA: GOLD PLATED ON 1.25 MICRONS MINIMUM NICKEL UNDER PLATE,
REFERRED TO PLATING TYPE LIST IN TABLE;
SOLDER AREA: 1.27 MICRONS PURE TIN PLATED ON 1.25 MICRONS
MINIMUM NICKEL UNDER PLATE, REFERRED TO REMARK IN TABLE.
3. PRODUCT SPECIFICATION REFER TO PS-67490-001.
4. MATING PART: 67489.
5. PRODUCT COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV 2000/53/EC.



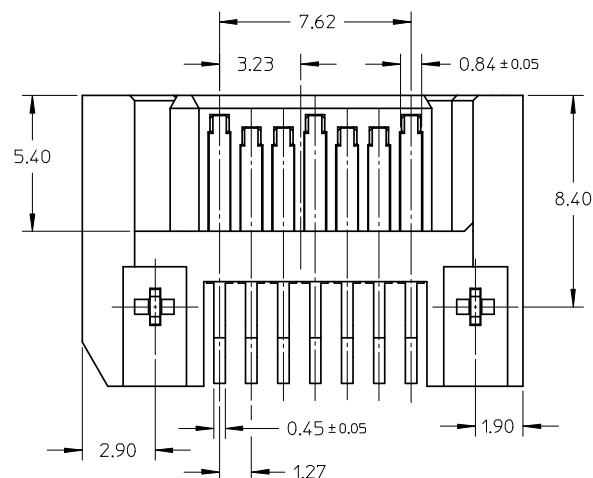
SECTION A-A



SECTION B-B

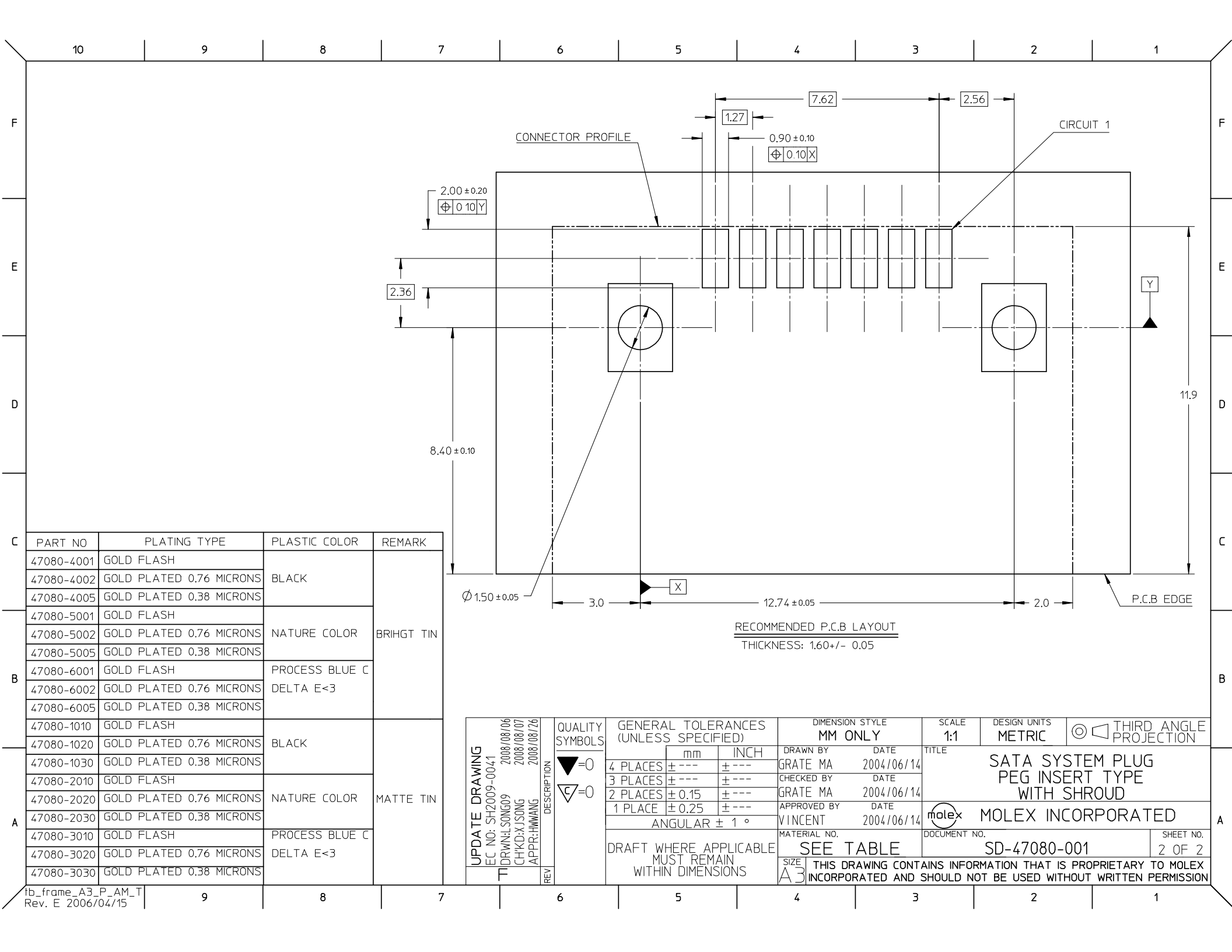


SECTION C-C



UPDATE DRAWING EC NO: SH2009-0041 T: DRWNL: SONG09 2008/08/06 CHKD: X: SONG 2008/08/07 APPR: HWANG 2008/08/26	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY GRATE MA	DATE 2004/06/14	TITLE SATA SYSTEM PLUG PEG INSERT TYPE WITH SHROUD				
			4 PLACES	± ---	± ---	CHECKED BY	DATE					
			3 PLACES	± ---	± ---	GRATE MA	2004/06/14					
			2 PLACES	± 0.15	± ---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED				
			1 PLACE	± 0.25	± ---	VINCENT	2004/06/14					
			ANGULAR ± 1 °		MATERIAL NO.		DOCUMENT NO.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2		SD-47080-001		1 OF 2			
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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