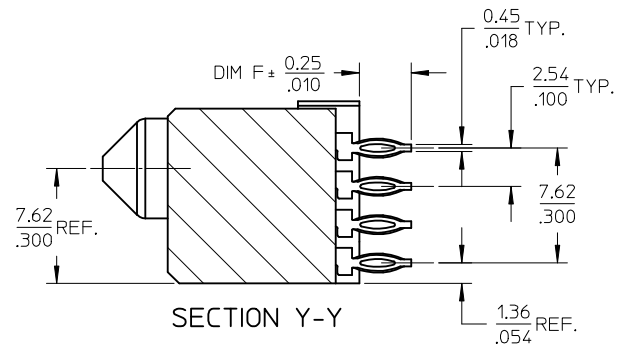
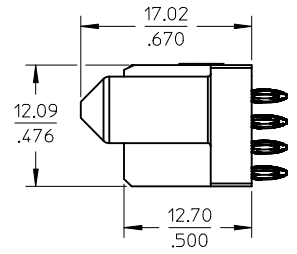
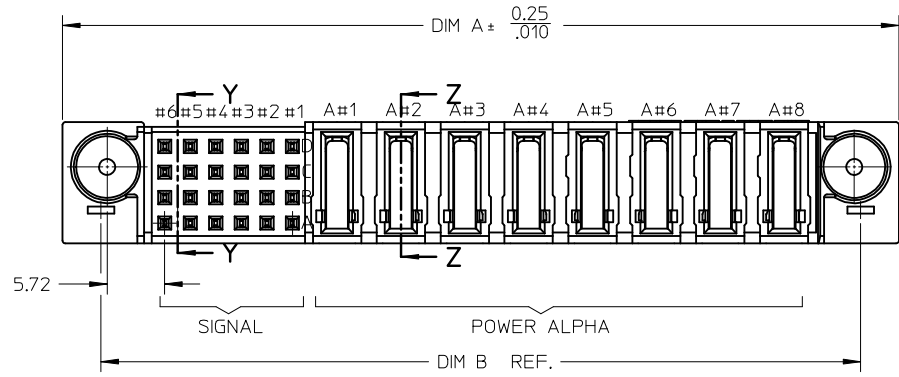
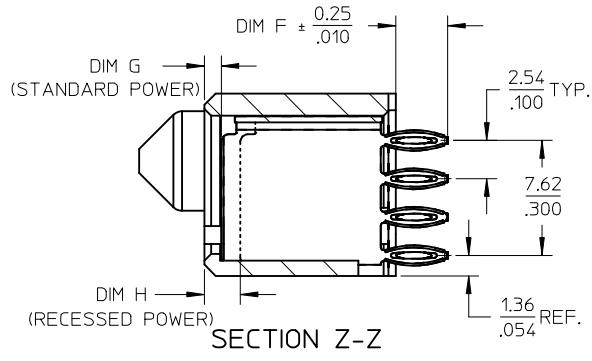


ISOMETRIC VIEW



SECTION Y-Y



SECTION Z-Z

REVISED EC NO: S2014-0060 DRW:SKANG CHKD:MLONG APPR:MLONG	2013/07/16	DESCRIPTION REV
	2013/09/06	
	2013/09/09	
	D1	

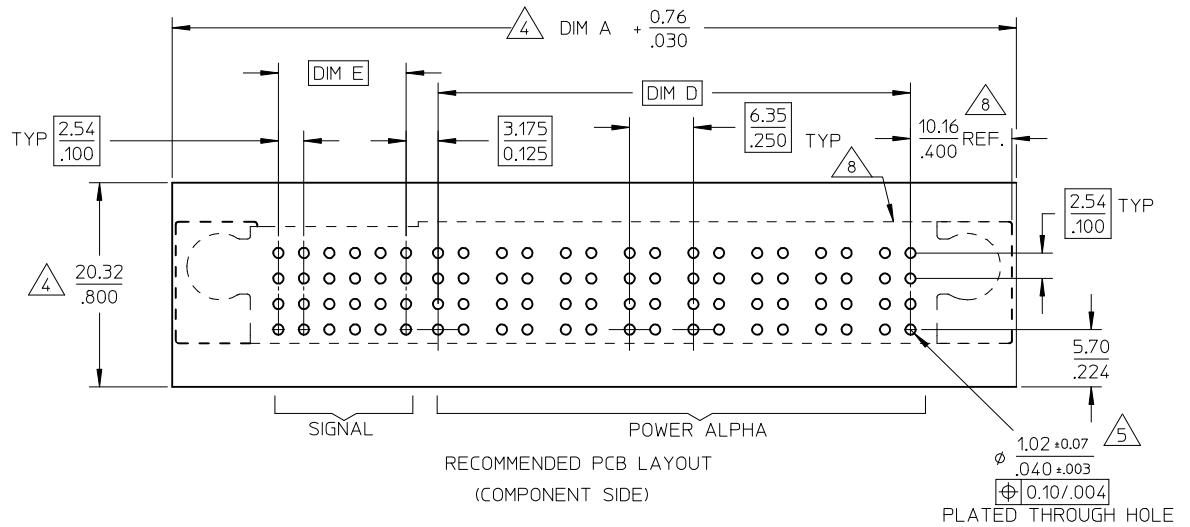
QUALITY SYMBOLS	$F_A=0$
	$F_C=0$
	$F_P=0$

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
	4 PLACES ± ---	± ---
	3 PLACES ± ---	± ---
	2 PLACES ± 0.13	± ---
	1 PLACE ± 0.25	± ---
	0 PLACE ±	±
ANGULAR ± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM/IN		NTS	METRIC	
DRAWN BY	DATE	TITLE		
KMGOH	2002/11/18	POWER CONN. RECEPTACLE		
CHECKED BY	DATE	P(A)-S CONFIGURATION		
PTLIM	2002/11/21	VERTICAL PRESS-FIT		
APPROVED BY	DATE	<b>molex</b>		
SKTOH	2002/11/21			
MATERIAL NO.		DOCUMENT NO.		SHEET NO.
SEE TABLE		SD-87697-011		1 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
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PART NUMBER	P-S CONFIGURATION		RECESS POWER CIRCUIT #	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F ±0.25	DIM G	DIM H	PACKAGING
	POWER ALPHA	SIGNAL										
87697-2001	8	24	A#5,A#6,A#7,A#8	83.18 3.275	75.57 2.975	74.29 2.925	46.99 1.850	12.70 .500	3.43 .135	1.12 .044	2.39 .094	TRAY
87697-2002	4	24	NIL	57.78 2.275	50.17 1.975	48.89 1.925	21.59 .850	12.70 .500	3.43 .135	1.12 .044	2.39 .094	TRAY



CONNECTOR - NOTES

1. MATERIALS :

- HOUSING - HIGH TEMPERATURE THERMO-PLASTIC, GLASS FILLED, UL94-0,COLOR:BLACK.
- SIGNAL PIN - COPPER ALLOY
- POWER PIN - COPPER ALLOY

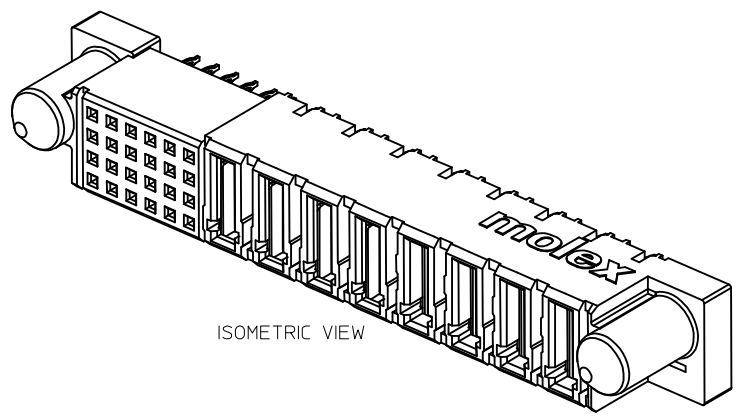
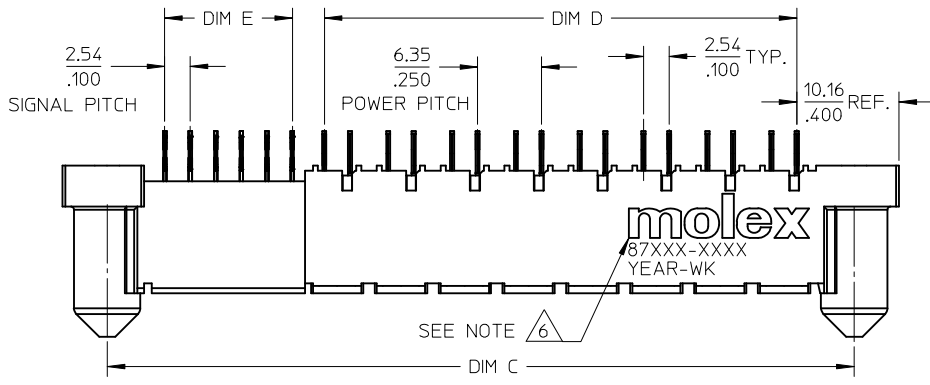
2. FINISH :

- SIGNAL & POWER CONTACTS
- 0.76 MICROMETER MINIMUM GOLD (Au) AT CONTACT AREA AND 2.54 MICROMETER MINIMUM TIN (Sn) AT SOLDERTAIL AREA OVER 1.27um MIN. NICKEL (Ni) UNDERPLATE.

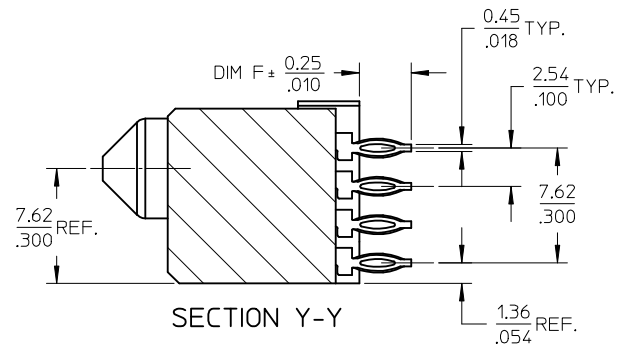
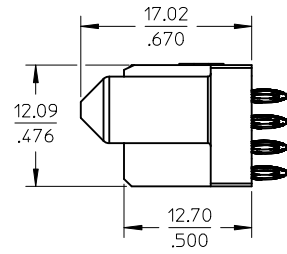
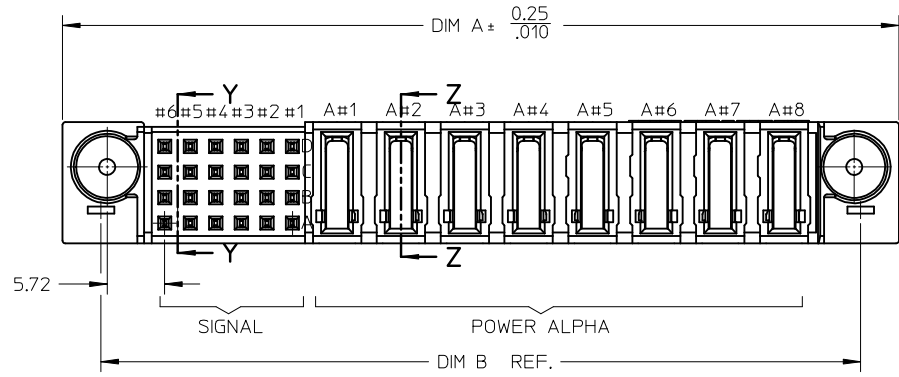
3. PRODUCT SPECIFICATION: PS-87633-006.

- 4. COMPONENT STAY AWAY ZONE FROM CONNECTOR.
- 5. PCB NOTE FOR DIAMETER 1.02/0.40 PLATED HOLE.
  - DRILLED HOLE SIZE IS 1.151/0.453
  - PLATE WITH 0.007/0.003 MINIMUM TIN OVER 0.03/0.01 TO 0.08/0.03 COPPER PLATING TO ACHIEVE 1.02±0.08/0.40±.003 HOLE. SEE SHEET 2 FOR RECOMMENDED PCB LAYOUT.
- 6. MANUFACTURER LOGO,PART NUMBER AND YEAR-WEEK CODE.
- 7. 8 POWER ALHPA-24 SIGNAL CONFIGURATION IS SHOWN FOR ILLUSTRATION.
- 8. IMAGINARY LINE & DIMENSION TO POSITION AND PROVIDE CONNECTOR ORIENTATION WITH RESPECT TO PCB LAYOUT.

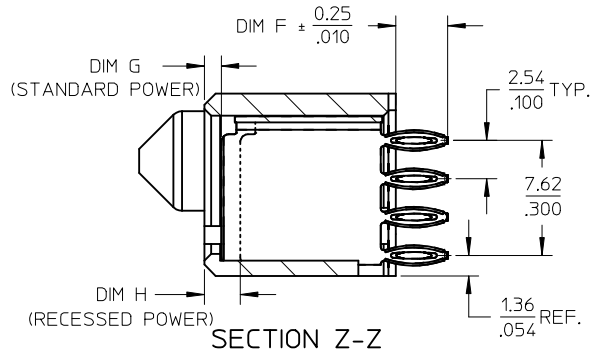
REVISED EC NO: S2014-0060 DRWN:SKANG 2013/07/16 CHKD:MLONG 2013/09/06 APPR:MLONG 2013/09/09	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		F <sub>A</sub> =0 F <sub>E</sub> =0 F <sub>F</sub> =0	mm	INCH	MM/IN		NTS	METRIC	DRAWN BY DATE KMG0H 2002/11/18 CHECKED BY DATE PTLIM 2002/11/21 APPROVED BY DATE SKTOH 2002/11/21 MATERIAL NO. DOCUMENT NO. SEE TABLE SD-87697-011	
			4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.13 ± ---	1 PLACE ± 0.25 ± ---	0 PLACE ± ±	ANGULAR ± 3 °		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					SIZE A3		
TITLE		POWER CONN. RECEPTACLE P(A)-S CONFIGURATION VERTICAL PRESS-FIT		molex		SHEET NO. 2 OF 2				



ISOMETRIC VIEW



SECTION Y-Y



SECTION Z-Z

REVISED EC NO: S2014-0060 DRW:SKANG CHKD:MLONG APPR:MLONG	2013/07/16	DESCRIPTION D1
	2013/09/06	
	2013/09/09	

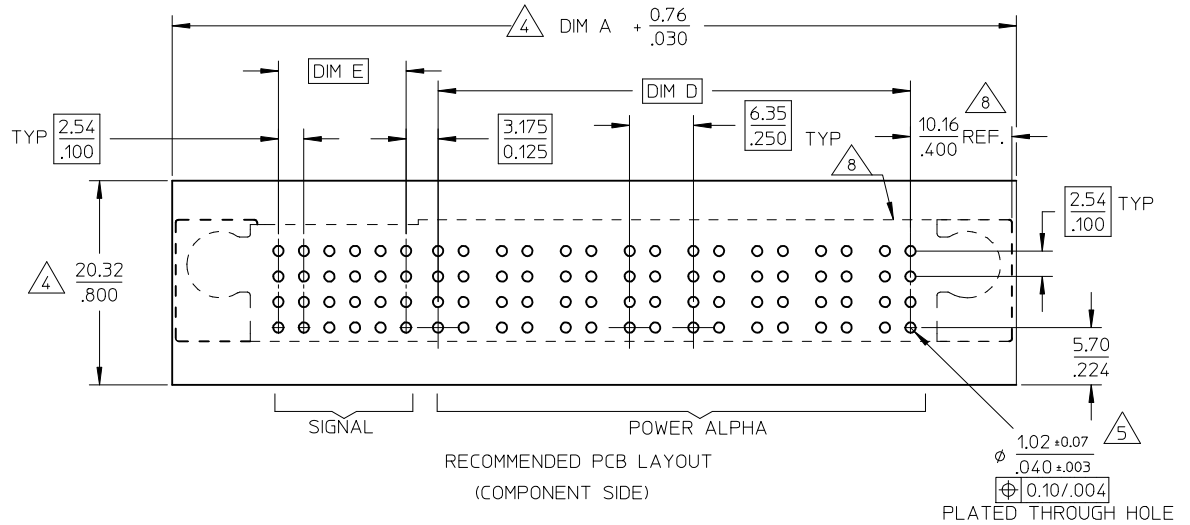
QUALITY SYMBOLS	$F_A=0$
	$F_C=0$
	$F_P=0$

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
	4 PLACES ± ---	± ---
	3 PLACES ± ---	± ---
	2 PLACES ± 0.13	± ---
	1 PLACE ± 0.25	± ---
	0 PLACE ±	±
ANGULAR ± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM/IN		NTS	METRIC	
DRAWN BY	DATE	TITLE		
KMGOH	2002/11/18	POWER CONN. RECEPTACLE		
CHECKED BY	DATE	P(A)-S CONFIGURATION		
PTLIM	2002/11/21	VERTICAL PRESS-FIT		
APPROVED BY	DATE	<b>molex</b>		
SKTOH	2002/11/21			
MATERIAL NO.	SEE TABLE	DOCUMENT NO.	SD-87697-011	

SHEET NO.	
1 OF 2	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

PART NUMBER	P-S CONFIGURATION		RECESS POWER CIRCUIT #	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F ±0.25	DIM G	DIM H	PACKAGING
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87697-2002	4	24	NIL	57.78 2.275	50.17 1.975	48.89 1.925	21.59 .850	12.70 .500	3.43 .135	1.12 .044	2.39 .094	TRAY



CONNECTOR - NOTES

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HOUSING - HIGH TEMPERATURE THERMO-PLASTIC,  
GLASS FILLED, UL94-0,COLOR:BLACK.

SIGNAL PIN - COPPER ALLOY

POWER PIN - COPPER ALLOY

2. FINISH :

SIGNAL & POWER CONTACTS

0.76 MICROMETER MINIMUM GOLD (Au) AT CONTACT AREA AND

2.54 MICROMETER MINIMUM TIN (Sn) AT SOLDERTAIL AREA

OVER 1.27um MIN. NICKEL (Ni) UNDERPLATE.

3. PRODUCT SPECIFICATION: PS-87633-006.

4. COMPONENT STAY AWAY ZONE FROM CONNECTOR.

5. PCB NOTE FOR DIAMETER 1.02/0.40 PLATED HOLE.

- DRILLED HOLE SIZE IS 1.151/0.453

- PLATE WITH 0.007/0.003 MINIMUM TIN OVER 0.03/0.01

TO 0.08/0.003 COPPER PLATING TO ACHIEVE 1.02±0.08/0.40±.003 HOLE.

SEE SHEET 2 FOR RECOMMENDED PCB LAYOUT.

6. MANUFACTURER LOGO,PART NUMBER AND YEAR-WEEK CODE.

7. 8 POWER ALHPA-24 SIGNAL CONFIGURATION IS SHOWN FOR ILLUSTRATION.

8. IMAGINARY LINE & DIMENSION TO POSITION AND PROVIDE CONNECTOR

ORIENTATION WITH RESPECT TO PCB LAYOUT.

REVISED	EC NO: S2014-0060	DRWN:SKANG 2013/07/16	CHKD:MLONG 2013/09/06	APPR:MLONG 2013/09/09	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
							mm	INCH	MM/IN	NTS	METRIC				
						$F_{\Delta}=0$	4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE	<b>POWER CONN. RECEPTACLE P(A)-S CONFIGURATION VERTICAL PRESS-FIT</b>  <b>molex</b> MATERIAL NO. SKTOH DOCUMENT NO. SD-87697-011 SHEET NO. 2 OF 2		
						$F_{\Delta}=0$	3 PLACES	± ---	± ---	CHECKED BY	DATE				
						$F_{\Delta}=0$	2 PLACES	± 0.13	± ---	PTLIM	2002/11/21				
							1 PLACE	± 0.25	± ---	APPROVED BY	DATE				
							0 PLACE	±	±	SKTOH	2002/11/21				
							ANGULAR ± 3 °		SEE TABLE						
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				