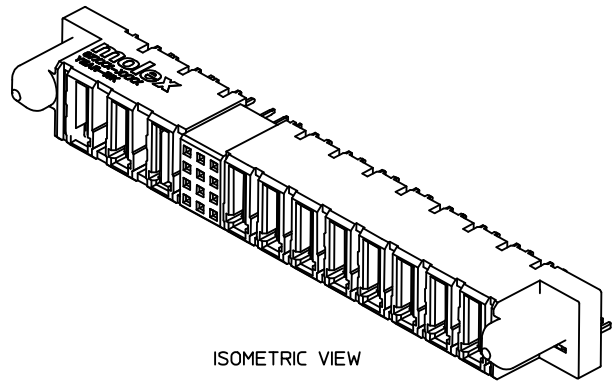
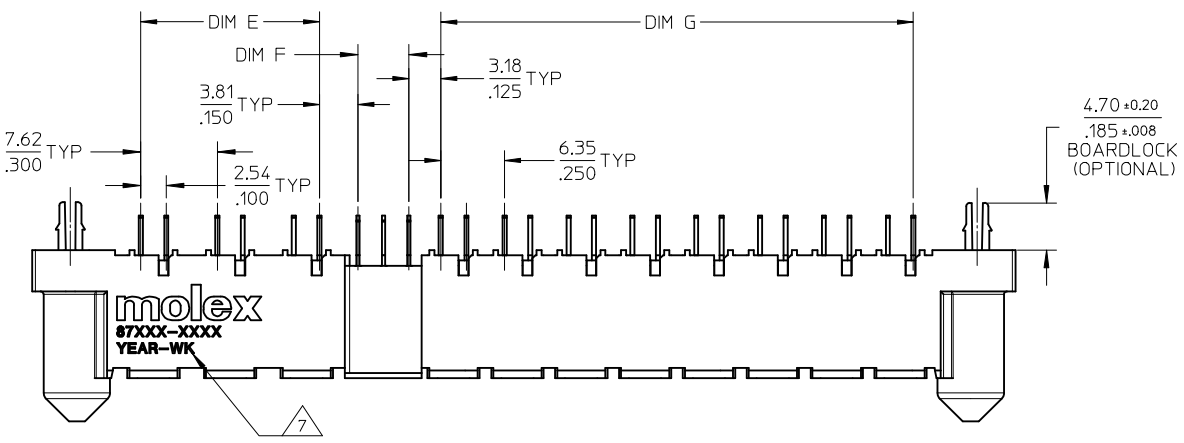
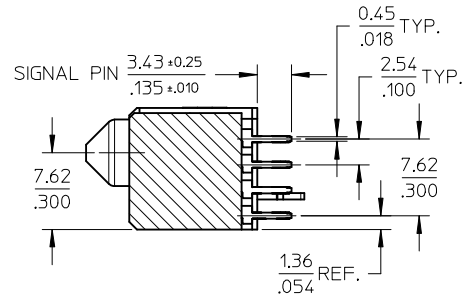
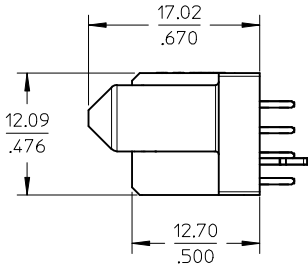
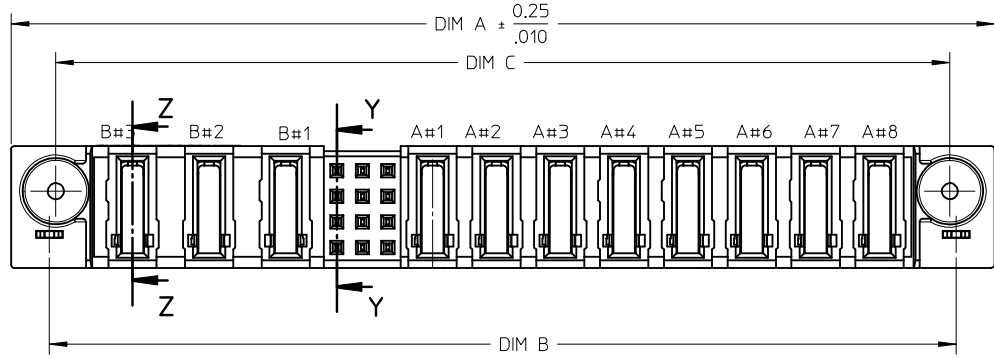


10 9 8 7 6 5 4 3 2 1

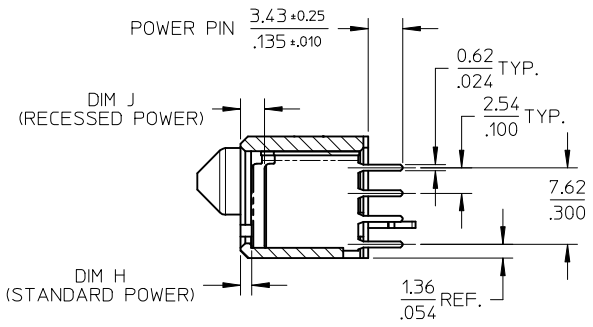


ISOMETRIC VIEW



SECTION Y-Y

POWER BETA AC SIGNAL POWER ALPHA DC



SECTION Z-Z

REVISED	EC NO: S2014-0060	QUALITY SYMBOLS
DRW:SKANG	2013/07/18	$\nabla_A = 0$
CHKD:MLONG	2013/09/06	$\nabla_E = 0$
APPR:MLONG	2013/09/09	$\nabla_F = 0$
REV	DESCRIPTION	

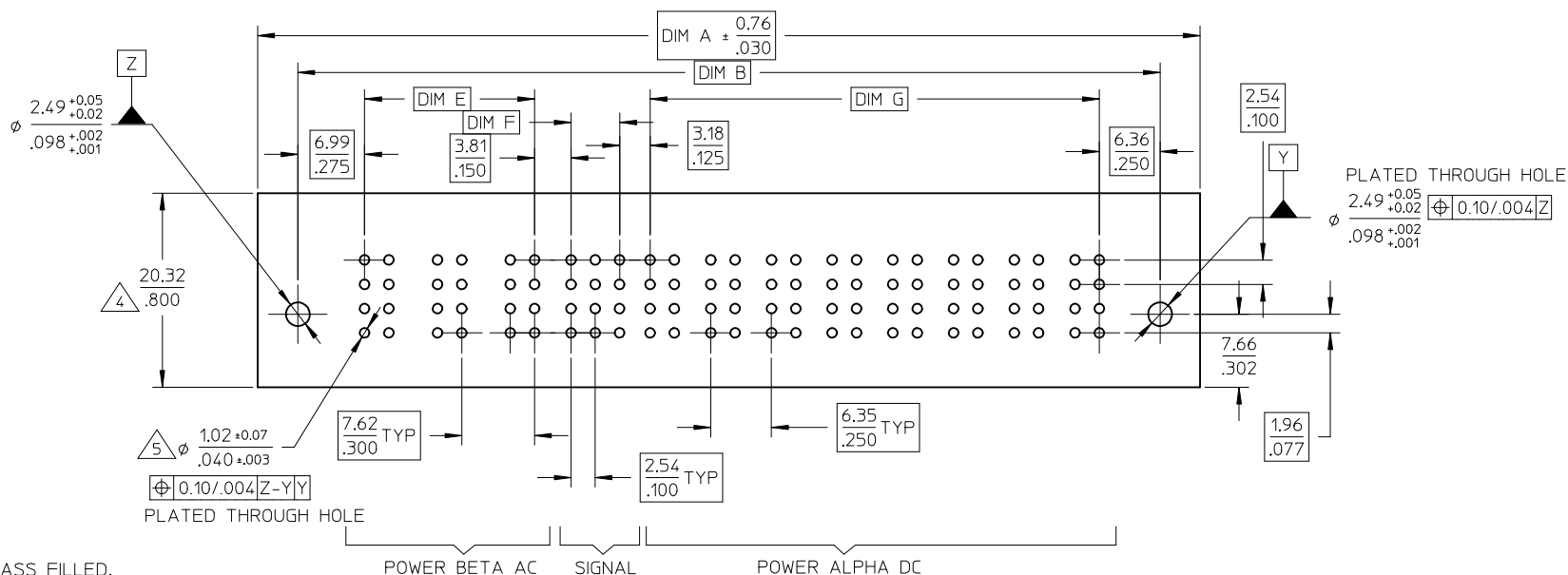
GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm INCH
4 PLACES	± --- ± ---
3 PLACES	± --- ± .005
2 PLACES	± 0.13 ± .010
1 PLACE	± 0.25 ± ---
0 PLACE	± ±
ANGULAR ± 3 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM/IN	
DRAWN BY	DATE
BHLOW	2004/02/18
CHECKED BY	DATE
KCLING	2004/03/03
APPROVED BY	DATE
PTLIM	2004/03/15
MATERIAL NO.	
SEE TABLE	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
NTS	METRIC	
TITLE		
DC/AC POWER RECEPTACLE P(A)DC-S-P(B)AC CONFIG. VERTICAL T/H, BOARD-LOCK		
moLEX		
DOCUMENT NO.	SHEET NO.	
SD-87734-020	1 OF 2	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

9 8 7 6 5 4 3 2 1

PART NUMBER	P-S-P CONFIGURATION			RECESSED POWER CIRCUIT #	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H STANDARD	DIM J RECESSED	BOARDLOCK OPITON	PACKAGING
	POWER BETA AC	SIGNAL	POWER ALPHA DC												
87734-2000	3	12	8	ALL EXCEPT B1.	97.79 3.850	90.17 3.550	88.90 3.500	74.30 2.925	17.78 .700	5.08 .200	46.99 1.850	.112 .044	2.39 .094	NIL	TRAY
87734-2001	3	12	8	ALL EXCEPT B1.	97.79 3.850	90.17 3.550	88.90 3.500	74.30 2.925	17.78 .700	5.08 .200	46.99 1.850	.112 .044	2.39 .094	YES	TRAY



CONNECTOR - NOTES

- MATERIALS :
 - HOUSING - LCP, GLASS FILLED, UL 94V-0, COLOR: BLACK.
 - POWER PIN - COPPER ALLOY
- PLATING :
 - POWER CONTACTS
 - 0.76 MICROMETER MINIMUM GOLD (Au) AT CONTACT AREA AND 2.54 MICROMETER MINIMUM TIN AT SOLDERTAIL AREA OVER 1.27um MIN. NICKEL (Ni) UNDERPLATE.
- PRODUCT SPECIFICATION: PS-87663-006.
- COMPONENT STAY AWAY ZONE FROM CONNECTOR.
- PCB NOTE FOR DIAMETER 1.02/.040 PLATED HOLE.
 - DRILLED HOLE SIZE IS 1.151/.0453
 - PLATE WITH 0.007/.0003 MINIMUM TIN OVER 0.03/.001 TO 0.08/.003 COPPER PLATING TO ACHIEVE 1.02±0.08/.040±.003 HOLE. SEE SHEET 2 FOR RECOMMENDED PCB LAYOUT.
- 4P(B)-24S-3P(A) CONFIGURATION IS SHOWN FOR ILLUSTRATION ONLY.
- MANUFACTURER LOGO, PART NUMBER AND YEAR-WEEK CODE.
- IMAGINARY LINE & DIMENSION TO POSITION AND PROVIDE CONNECTOR ORIENTATION W.R.T. TO PCB LAYOUT.

RECOMMENDED PCB LAYOUT

REVISED IEC NO: S2014-0060 DRWN:SKANG 2013/07/18 CHKD:MLONG 2013/09/06 APPR:MLONG 2013/09/09	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
	$F_A=0$	mm	INCH	MM/IN		NTS	METRIC			
	$F_G=0$	4 PLACES ± ---	± ---	DRAWN BY BHLW		DATE 2004/02/18	TITLE			
	$F_P=0$	3 PLACES ± ---	± .005	CHECKED BY KCLING		DATE 2004/03/03	DC/AC POWER RECEPTACLE P(A)DC-S-P(B)AC CONFIG. VERTICAL T/H, BOARD-LOCK			
		2 PLACES ± 0.13	± .010	APPROVED BY PTLIM		DATE 2004/03/15	DOCUMENT NO. SD-87734-020			
		1 PLACE ± 0.25	± ---	MATERIAL NO.		SHEET NO. 2 OF 2				
		0 PLACE ±	±	SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		ANGULAR ± 3 °		SIZE A3						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								