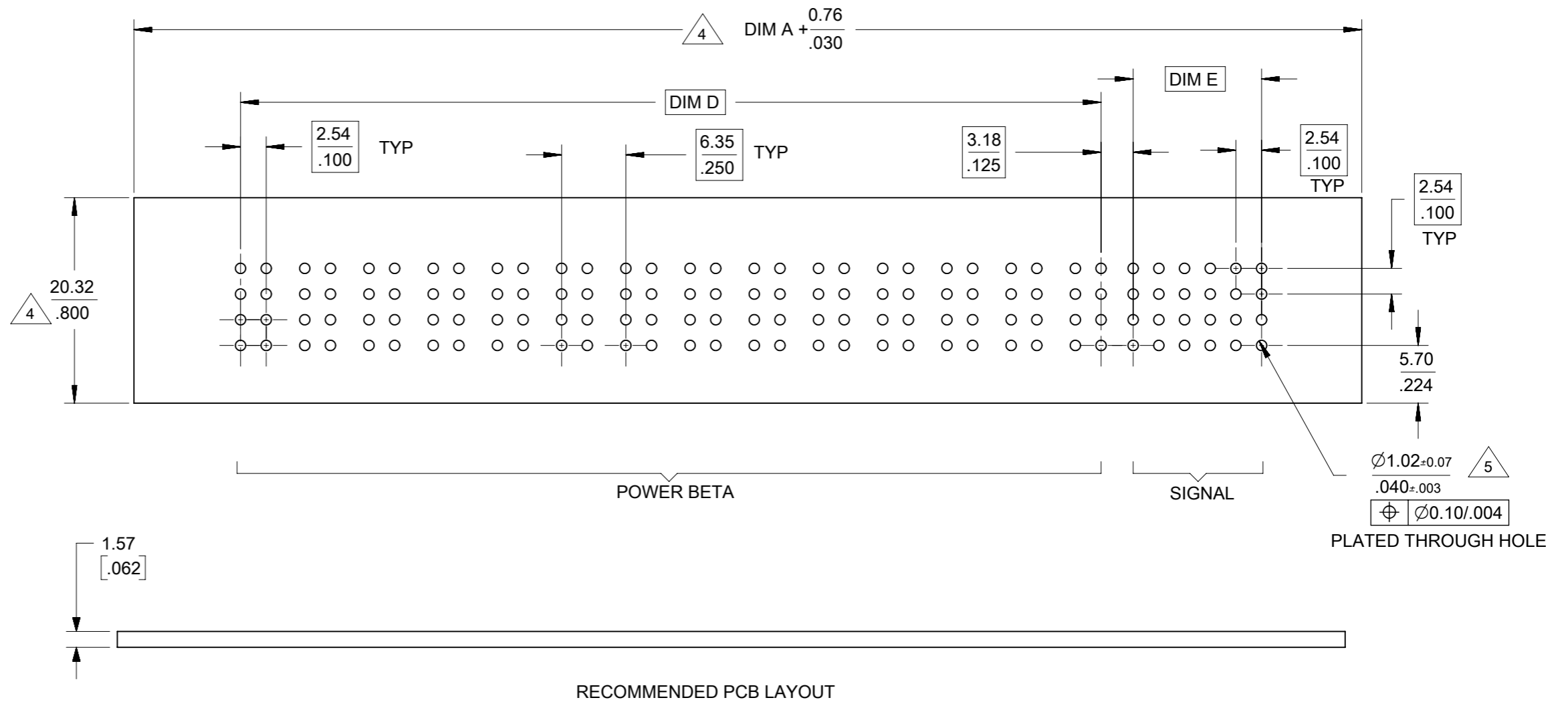


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS MM/INCH		SCALE NTS		CURRENT REV DESC: OBSOLETE PART NO						moLEX	
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 625872							
4 PLACES \pm				DRWN: VLOKESHA		2019/09/09		PRODUCT CUSTOMER DRAWING			
3 PLACES \pm		± 0.01		CHK'D: GB		2019/11/06		DOCUMENT NUMBER		DOC TYPE DOC PART REVISION	
2 PLACES \pm		± 0.25		APPR: GGA		2019/11/12		SD-87710-011		PSD 001 E	
1 PLACE \pm				INITIAL REVISION:				MATERIAL NUMBER		CUSTOMER	
0 PLACES \pm				DRWN: KMG0H		2002/10/10		SEE TABLE		GENERAL MARKET	
ANGULAR TOL $\pm 3.0^\circ$				APPR: SKTOH		2002/11/26		SHEET NUMBER		1 OF 3	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 87710			



RECOMMENDED PCB LAYOUT

CONNECTOR - NOTES

1. MATERIALS :
HOUSING - LCP,
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 SOLDER TAIL 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/.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.
6. MANUFACTURER LOGO,PART NUMBER AND YEAR-WEEK CODE.
7. 14 POWER BETA-24 SIGNAL CONFIGURATION IS SHOWN FOR ILLUSTRATION ONLY.

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DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NO						molex	
MM/INCH		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 625872		DRWN: VLOKESHA		2019/09/09		POWER CONN. RECEPTACLE S-P(B) CONFIGURATION VERTICAL PRESS-FIT	
				CHK'D: GB		2019/11/06					
				APPR: GGA		2019/11/12				PRODUCT CUSTOMER DRAWING	
				INITIAL REVISION:		DRWN: KMGH		2002/10/10		DOCUMENT NUMBER	
				APPR: SKTOH		2002/11/26		SD-87710-011		DOC TYPE DOC PART REVISION	
ANGULAR TOL ± 3.0°				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER	
						A3-SIZE		87710		2 OF 3	
						MATERIAL NUMBER		CUSTOMER			
						SEE TABLE		GENERAL MARKET			

