


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION


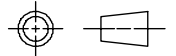
EC NO: 619055 DRWN: HK02 CHKD: NMANE02 APPR: MRAMAKRISHNA	2019/05/15	2019/07/09	2019/07/09	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE				
				MM	INCH	MM	NTS				
	ADDED BTB DIST.				4 PLACES ±	±	DRWN BY	DATE	MGRID, SHROUDED HEADER W/SLOT, STANDOFF, SMT LOCATING PEG W/ VOID		
					3 PLACES ±	±	ATSEE	2004/09/29			
					2 PLACES ± 0.2	±	CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING		
				1 PLACES ±	±	KCLING	2004/11/03				
				0 PLACES ±	±	APPR BY	DATE	SERIES: 87832 MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET			
						SKTOH	2004/11/05				
				ANGULAR TOL = 3.0		DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER: SD-87832-017 DOC TYPE: PSD DOC PART: 001 SHEET NUMBER: 1 OF 3			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3					
REV	A6										

PART NO.	VOID PIN	PLATING OPTION	CKT SIZE	DIMENSION					
				A	B	C	D	E	P
87832-7000	36	1	40	38.00	40.85	42.65	41.00	34.00	36.00
87832-5121	13	2	26	24.00	26.85	28.65	27.00	20.00	22.00

NOTES :

1. MATERIAL:  
HOUSING: 30% G.F., NYLON 46 UL94V-0, COLOR BLACK  
PIN: 0.50mm SQ. PHOSPHOR BRONZE
2. PLATING:
  1. 0.38µm/ 15µin GOLD IN CONTACT AREA AND  
1.88µm/ 75µin MIN. TIN IN SOLDERTAIL AREA OVER  
1.27µm/ 50µin MIN. NICKEL OVERALL.
  2. 0.76µm/ 30µin GOLD IN CONTACT AREA AND  
1.88µm/ 75µin MIN. TIN IN SOLDERTAIL AREA OVER  
1.27µm/ 50µin MIN. NICKEL OVERALL.
3. PRODUCT SPECIFICATION PS-87831-027 APPLIES.
4.  COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A GAUGE SURFACE.
5. THIS HEADER MATES WITH MOLEX:
  - a) CRIMP RECEPTACLE HOUSING, 51110 SERIES WITH CRIMP TERMINAL, 50394 SERIES.
  - b) 2mm MILLIGRID DUAL ROW IDT, 87568 SERIES.

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ADDED BTB DIST. EC NO: 619055 DRWN: HK02 CHK'D: NMANE02 REV APPR: MIRAMAKRISHNA	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE					
		MM	INCH	MM	NTS					
	4 PLACES	±	±	DRWN BY	DATE		MGRID, SHROUDED HEADER W/SLOT, STANDOFF, SMT LOCATING PEG W/ VOID			
	3 PLACES	±	±	ATSEE	2004/09/29					
	2 PLACES	± 0.2	±	CHK'D BY	DATE					
	1 PLACES	±	±	KCLING	2004/11/03		PRODUCT CUSTOMER DRAWING			
0 PLACES	±	±	APPR BY	DATE						
ANGULAR TOL = 3.0			SKTOH	2004/11/05		SERIES	MATERIAL NUMBER	CUSTOMER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRAWING SIZE	THIRD ANGLE PROJECTION		87832	SEE TABLE	GENERAL MARKET		
A6			A3			DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER
						SD-87832-017		PSD	001	2 OF 3

RELEASE STATUS	P1	RELEASE DATE	2019/07/09	06:47:59
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**BOARD TO BOARD (BTB) DISTANCE**

HEADER	MATES WITH (RECEPTACLE)	BTB DIST.	PICTORIAL VIEW
87832	79107	8.14	
	78787	8.14	
	79108	8.14	
	79109	8.35	
	78788	8.35	

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DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED BTB DIST.				<b>molex</b>	
mm		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 619055				MGRID, SHROUDED HEADER W/SLOT, STANDOFF, SMT LOCATING PEG W/ VOID	
		MM	INCH	DRWN: HK02		2019/05/15			
4 PLACES		±	±	CHK'D: NMANE02		2019/07/09		PRODUCT CUSTOMER DRAWING	
3 PLACES		±	±	APPR: MRAMAKRISHNA		2019/07/09		DOCUMENT NUMBER	
2 PLACES		± 0.2	±	INITIAL REVISION:		SD-87832-017		DOC TYPE	DOC PART
1 PLACE		±	±	DRWN: DRWN BY		XXXX/XX/XX		PSD	001
0 PLACES		±	±	APPR: APPR BY		XXXX/XX/XX		A6	REVISION
ANGULAR TOL		± 3.0°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
							A3-SIZE	87832	CUSTOMER
								GENERAL MARKET	SHEET NUMBER
								3 OF 3	