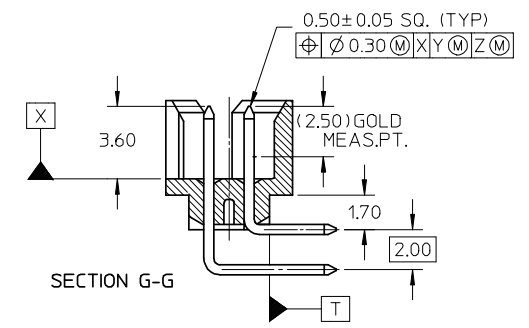


PART NO.	CKT SIZE	DIMENSION					PLATING OPTION $\Delta$
		A	B	C	D	E	
87833-2052	20	18.00	20.85	22.65	21.00	14.00	2
87833-5050	50	48.00	50.85	52.65	51.00	44.00	1
87833-5052	50	48.00	50.85	52.65	51.00	44.00	2

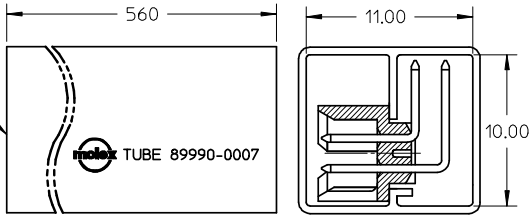


- NOTES:**
- MATERIAL :  
HOUSING : 30% G.F., NYLON 46, UL94V-0, COLOR BLACK.  
PIN : 0.50MM SQ.PHOSPHOR BRONZE.
  - PLATING :  
1. 0.38um GOLD IN CONTACT AREA AND 1.88um MIN. TIN IN SOLDER TAIL AREA OVER 1.27um MIN. NICKEL OVERALL.  
2. 0.05um MIN. TO 0.13um MAX. GOLD IN CONTACT AREA AND 1.88um MIN. TIN IN SOLDER TAIL AREA OVER 1.27um MIN. NICKEL OVERALL.
  - PRODUCT SPECIFICATION PS-87831-027 APPLIES.
  - LINKWAYS VARIES FROM PART TO PART BECAUSE OF DIFFERENT MOLD.
  - PARTS TO BE PACKED IN TUBE.
  - THIS HEADER MATES WITH MOLEX:  
a) CRIMP RECEPTACLE HOUSING, 51110 SERIES WITH CRIMP TERMINAL, 50394 SERIES.  
b) 2MM MILLIGRID DUAL ROW IDT, 87568 SERIES.
  - PARTS TO BE PACKED IN TUBE WITH MOISTURE BARRIER BAG.

RECOMMENDED PCB PATTERN

<b>PDR#S-001811-00-00</b> EC NO: S2008-1107 DRWNS:KANG CHKD:ATSEE APPR:MLONG	2008/06/10 2008/06/10 2008/06/11	DESCRIPTION DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	DIMENSION STYLE <b>MM ONLY</b> DRAWN BY: ATSEE CHECKED BY: KCLING APPROVED BY: SKTOH DATE: 2003/10/27 DATE: 2003/11/07 DATE: 2003/11/07	SCALE <b>NTS</b> TITLE <b>MGRID, SHROUDED HDR, R/A W/SLOTS/STANDOFF &amp; LONG SOLDER TAIL 3.00MM</b>	DESIGN UNITS <b>METRIC</b> 	<b>MOLEX INCORPORATED</b>			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						MATERIAL NO.	DOCUMENT NO.	SHEET NO.
			SIZE <b>A3</b>						SEE TABLE	SD-87833-015	1 OF 2
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

TUBE P/N :  
89990-0007



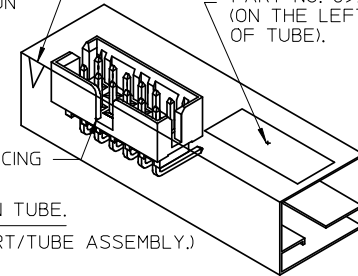
REF: ORIENTATION OF PART IN TUBE.

RED ARROW  
INDICATION

MOLEX LOGO & TUBE  
PART NO. 89990-0007.  
(ON THE LEFT HAND SIDE  
OF TUBE).

WINDOW FACING  
OUTWARDS

REF: ORIENTATION OF PART IN TUBE.  
(FOR THE REFERENCE OF PART/TUBE ASSEMBLY.)



PDR#S-001811-00-00 EC NO: S2008-1107 DRWN:SKANG 2008/06/10 CHKD:ATSEE 2008/06/10 APPR:MLONG 2008/06/11	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																															
		▼=0 □=0	<table border="1"> <tr> <td></td> <td>mm</td> <td>INCH</td> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.2</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.2	± ---	1 PLACE	± ---	± ---	<table border="1"> <tr> <td>DRAWN BY</td> <td>DATE</td> <td>TITLE</td> </tr> <tr> <td>ATSEE</td> <td>2003/10/27</td> <td>MGRID, SHROUDED HDR, R/A W/SLOTS/STANDOFF &amp; LONG SOLDER TAIL 3.00MM</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> <td></td> </tr> <tr> <td>KCL ING</td> <td>2003/11/07</td> <td></td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> <td></td> </tr> <tr> <td>SKTOH</td> <td>2003/11/07</td> <td></td> </tr> </table>	DRAWN BY	DATE	TITLE	ATSEE	2003/10/27	MGRID, SHROUDED HDR, R/A W/SLOTS/STANDOFF & LONG SOLDER TAIL 3.00MM	CHECKED BY	DATE		KCL ING	2003/11/07		APPROVED BY	DATE		SKTOH	2003/11/07		Molex MOLEX INCORPORATED		
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A4					A3		SD-87833-015		2 OF 2																															