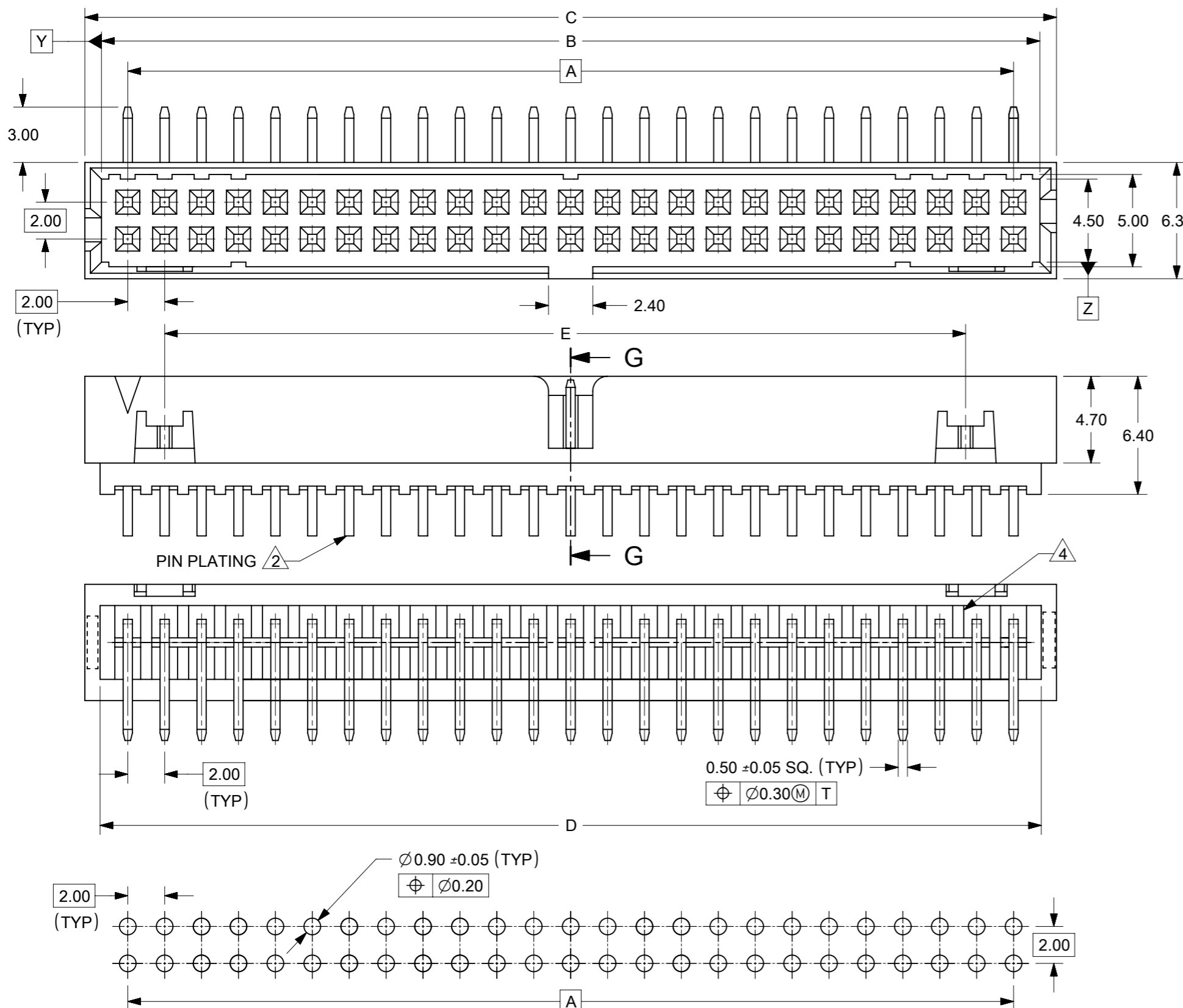
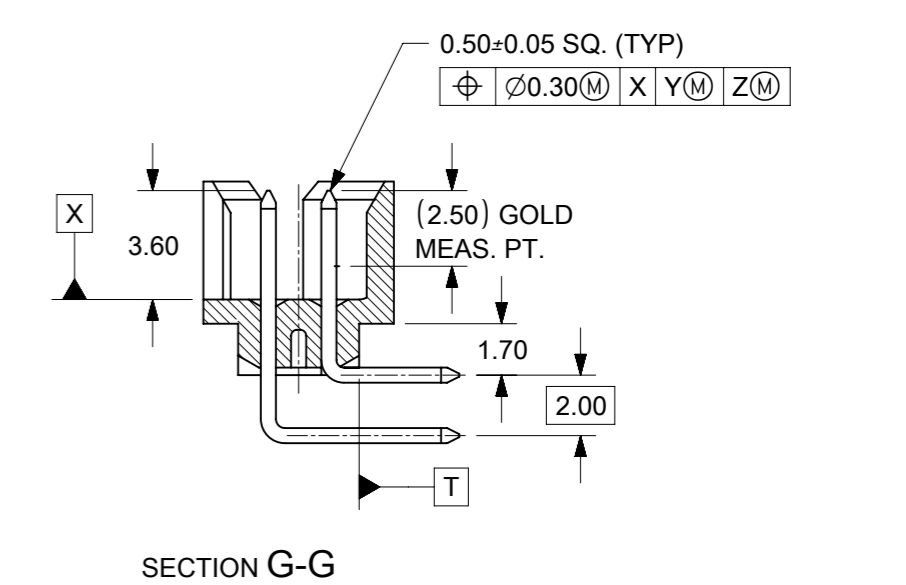


10 9 8 7 6 5 4 3 2 1



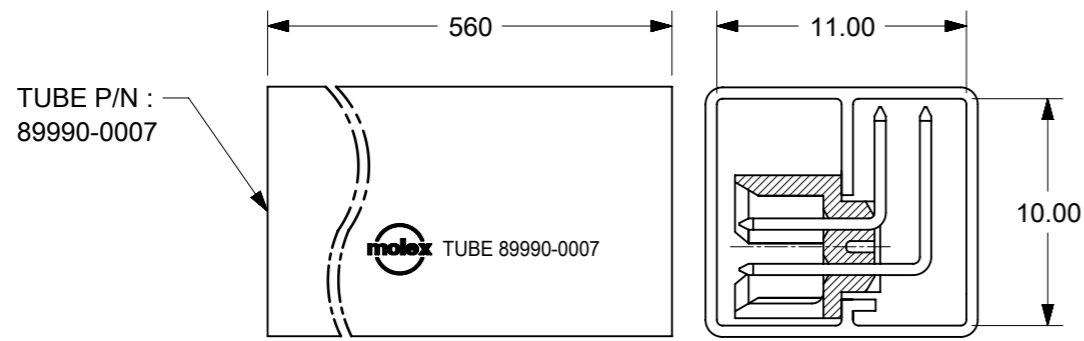
PART NO.	CKT SIZE	DIMENSION					PLATING OPTION $\Delta 2$
		A	B	C	D	E	
87833-2052	20	18.00	20.85	22.65	21.00	14.00	2
87833-5050	50	48.00	50.85	52.65	51.00	44.00	1
87833-5052	50	48.00	50.85	52.65	51.00	44.00	2



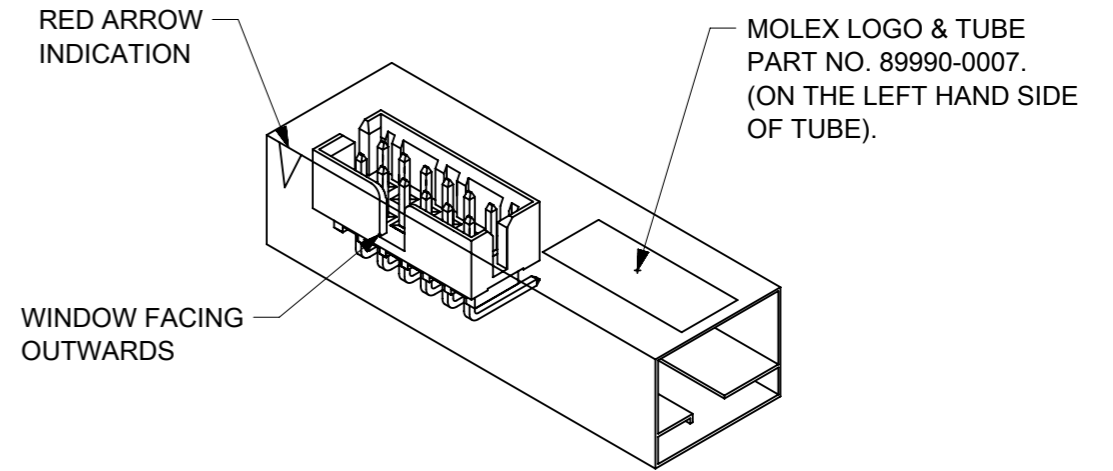
- NOTES:
- MATERIAL :  
HOUSING : 30% G.F., NYLON 46, UL94V-0, COLOR BLACK.  
PIN : 0.50mm SQ. PHOSPHOR BRONZE.
  - PLATING :  
1. 0.38 $\mu$ m GOLD IN CONTACT AREA AND 1.88 $\mu$ m MIN. TIN IN SOLDER TAIL AREA OVER 1.27 $\mu$ m MIN. NICKEL OVERALL.  
2. 0.05 $\mu$ m MIN. TO 0.13 $\mu$ m MAX. GOLD IN CONTACT AREA AND 1.88 $\mu$ m MIN. TIN IN SOLDER TAIL AREA OVER 1.27 $\mu$ m 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.

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE ECM 170067 FOR REFERENCE				
	DIMENSION UNITS	SCALE					
$\nabla = 0$	MM	1:1	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 611028		
$\nabla = 0$			MM INCH		DRWN: ME 2019/01/17		
$\nabla = 0$	4 PLACES $\pm$				CHK'D: MKAMATHMARAK 2019/01/25		
$\nabla = 0$	3 PLACES $\pm$				APPR: ME 2019/01/28		
$\nabla = 0$	2 PLACES $\pm$	0.2			INITIAL REVISION:		
$\nabla = 0$	1 PLACE $\pm$				DRWN: ATSEE 2003/10/27		
$\nabla = 0$	0 PLACES $\pm$				APPR: SKTOH 2003/11/07		
$\nabla = 0$	ANGULAR TOL	$\pm 3.0^\circ$			DOCUMENT NUMBER		
$\nabla = 0$	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		DOC TYPE
			A3-SIZE		SERIES		DOC PART
			87833		MATERIAL NUMBER		REVISION
			SEE TABLE		CUSTOMER		
			GENERAL MARKET		SHEET NUMBER		
			1 OF 2				

10 9 8 7 6 5 4 3 2 1



REF: ORIENTATION OF PART IN TUBE.



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

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE ECM 170067 FOR REFERENCE				<b>molex</b>		
▽ = 0	MM	1:1		EC NO: 611028 DRWN: ME 2019/01/17 CHK'D: MKAMATHMARAK 2019/01/25 APPR: ME 2019/01/28				MGRID, R/A SHROUDED HDR W/SLOTS/STANDOFF & LONG SOLDER TAIL 3.00MM			
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)							INITIAL REVISION: DRWN: ATSEE 2003/10/27 APPR: SKTOH 2003/11/07			
▽ = 0		MM	INCH	DOCUMENT NUMBER: SD-87833-015 DOC TYPE: PSD DOC PART: 001 REVISION: A5							
▽ = 0	4 PLACES	±	±					MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 2 OF 2			
▽ = 0	3 PLACES	±	±								
▽ = 0	2 PLACES	± 0.2	±								
▽ = 0	1 PLACE	±	±								
⊠ = 0	0 PLACES	±	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING: A3-SIZE		SERIES: 87833	
■ = 0	ANGULAR TOL		± 3.0°								
▽ = 0											