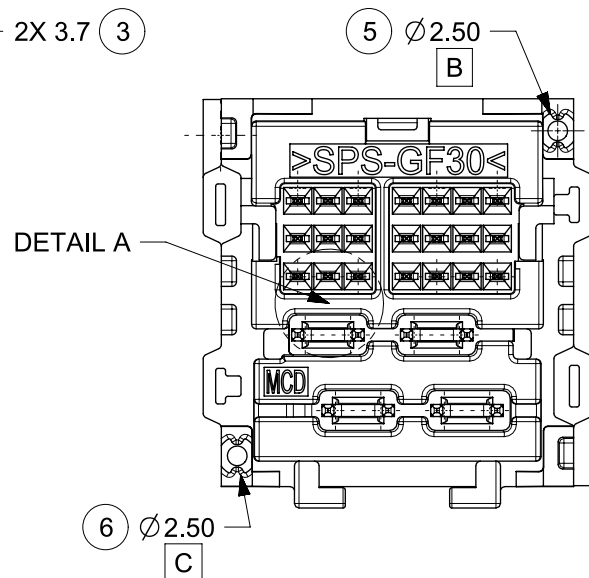
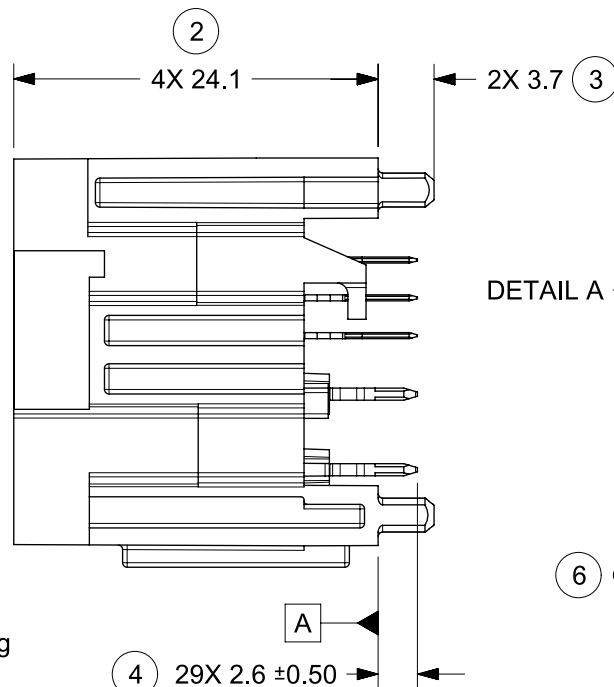


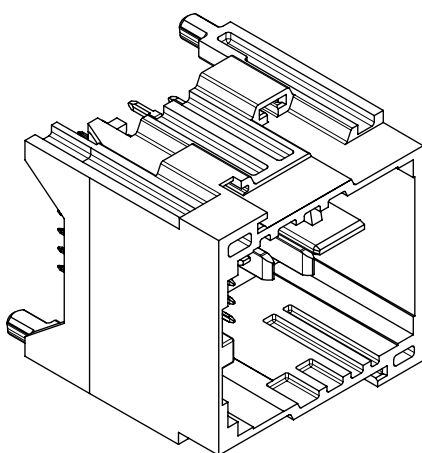
KEY 1  
PART NO. 2005010251

SEE NOTE 3g



PART NUMBER TUBE PACKAGING 2005058100	PART NUMBER TRAY PACKAGING 2005053013-PK	KEY	COLOR	TERMINAL QUANTITIES	
				0.5mm	2.8mm
2005010251	2005011251	1	GREEN	21	4
2005010252	2005011252	2	GRAY		
2005010253	2005011253	3	BLACK		
2005010254	2005011254	4	DARK GRAY		

FOUR (4) KEYS AVAILABLE  
SEE INTERFACE DRAWING  
SD-160027-002 FOR DEFINITION



NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
  - a. APPLICATION SPECIFICATION 2005060000-AS
  - b. PRODUCT SPECIFICATION 2005060001-PS  
CLASSIFICATIONS T1V1S1 TO GMW 3191 2012  
DEGREE OF PROTECTION IP20 TO ISO 20653 WITH MOLEX MATING CONNECTOR
  - c. PACKAGING SPECIFICATION PER MOLEX DRAWING
2. DESIGN - MATERIALS:
  - a. HOUSING: SPS 30% GF
  - b. BLADE TERMINALS:
    1. 0.5MM BLADES  
BASE MATERIAL: COPPER ALLOY  
CONDUCTIVITY ≥ 28% IACS @ 20°C  
UNDERPLATE: OVERALL NICKEL  
OVERPLATE: OVERALL TIN
    2. 2.8MM BLADES  
BASE MATERIAL: COPPER ALLOY  
CONDUCTIVITY ≥ 40% IACS @ 20°C  
UNDERPLATE: OVERALL NICKEL  
OVERPLATE: OVERALL TIN
3. DESIGN - GEOMETRY:
  - a. ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
  - b. PRODUCT DESIGN MODEL NUMBER 2005010250
  - c. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5-2009
  - d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
  - e. CORNERS SHOWN AS SHARP TO BE R 0.4 MAX.
  - f. LETTERING SHALL BE MAX POSSIBLE FOR READABILITY.  
THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
  - g. FOR BAY/POCKET DEFINITION SEE MOLEX INTERFACE DRAWING SD-160027-002
  - h. MATING HARNESS CONNECTORS MOLEX PN:  
1600270011 (KEY 1)  
1600270012 (KEY 2)  
1600270013 (KEY 3)  
1600270014 (KEY 4)
4. DESIGN - MANUFACTURING:
  - a. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (CLASS B)
  - b. REFLOW SOLDERABILITY PER SMES-152

INSPECTION BALLOON NUMBER LOG
PER DRAWING REVISION: D1
LAST BALLOON NUMBER: 11B
ADDED BALLOON NUMBER: NONE
DELETED BALLOON NUMBER: NONE

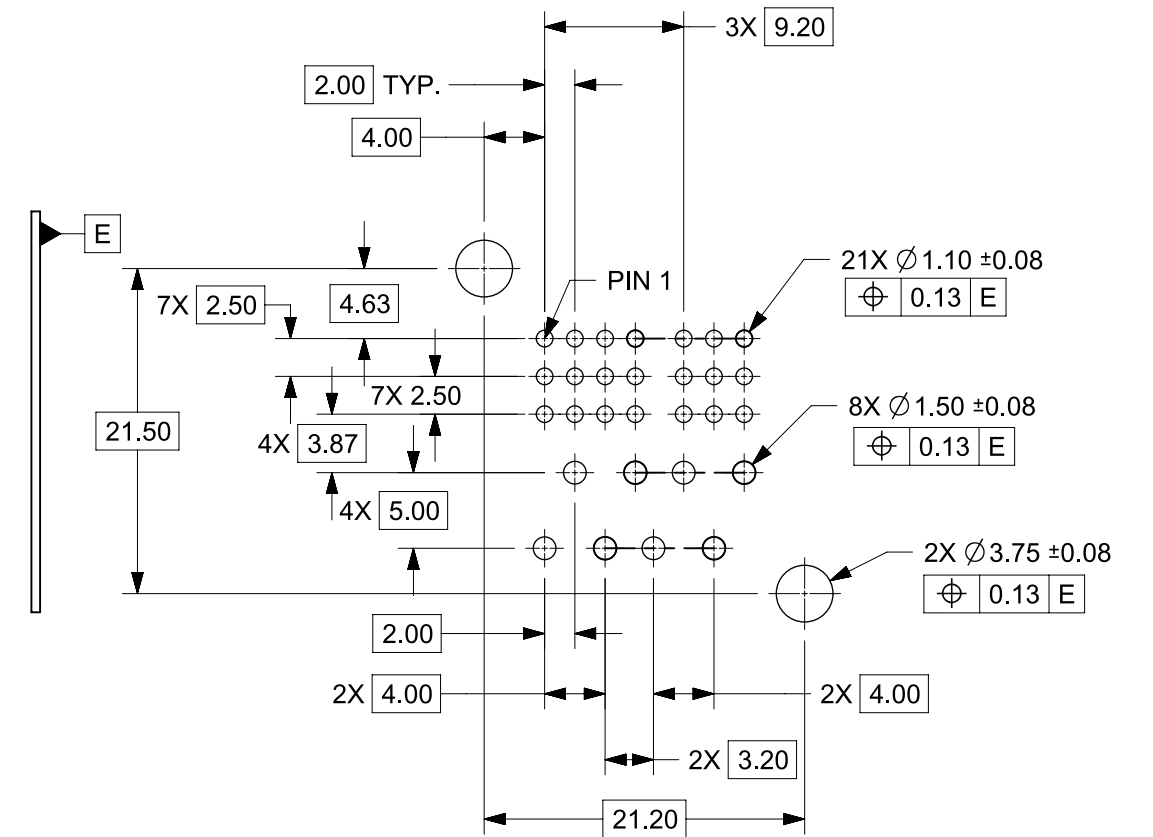
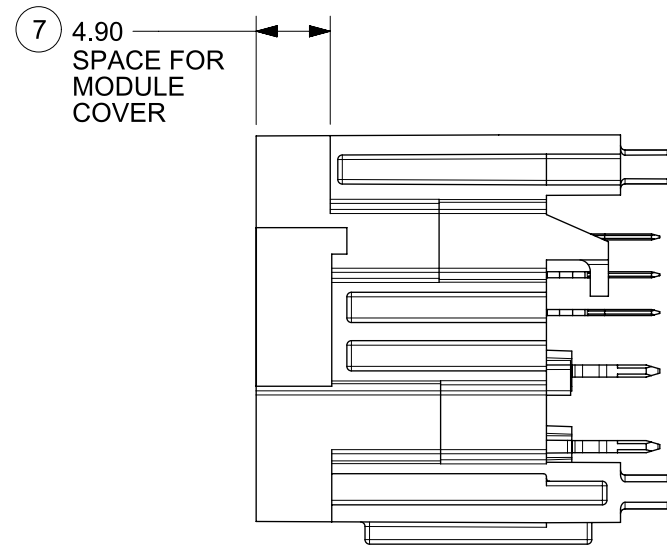
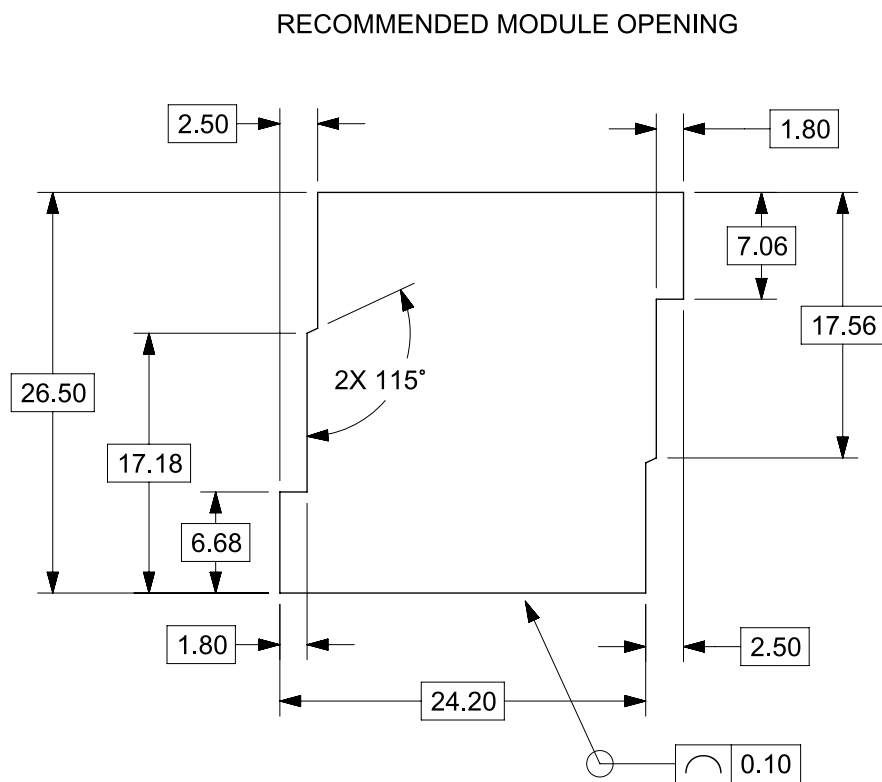
FUNCTIONAL SYMBOLS										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE																	
MM		2:1																			
GENERAL TOLERANCES (UNLESS SPECIFIED)																					
ANGULAR TOL ±																					
4 PLACES ±																					
DIVISIONAL SYMBOLS																					
3 PLACES ±																					
2 PLACES ± 0.130																					
1 PLACE ± 0.25																					
0 PLACES ±																					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
										B-SIZE		200501		SEE TABLE				1 OF 2			

**molex**

STAK50H MOD HDR 25 VERT SOLDER

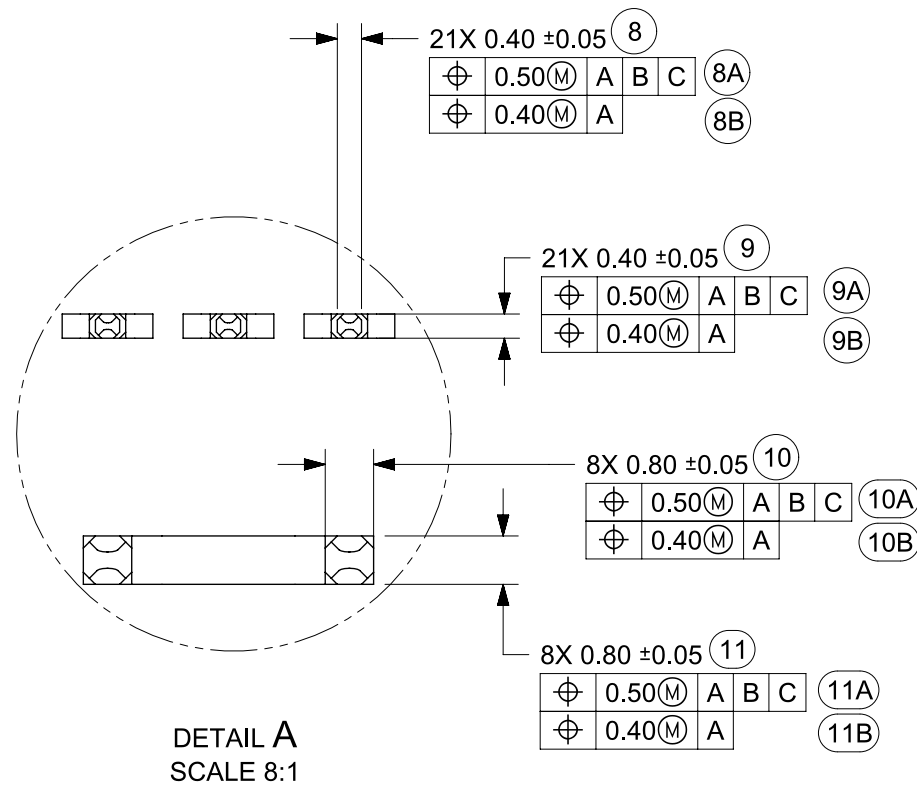
PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2005011250SD	PSD	000	D1



PCB LAYOUT FOR REFERENCE

FOR SINGLE-BAY HEADER ONLY  
FOR MULTIPLE-BAY STACKED HEADER SEE DRAWING 2005050000



DETAIL A  
SCALE 8:1

D1	TITLE BLOCK UPDATE
D	UPDATED THE PACKAGING DETAILS
C1	ADDED PCB HOLE DIMENSIONAL & POSITIONAL TOLERANCE 10-JUNE-2020 YPENG47 ECN:639277
REVISION	DESCRIPTION

FUNCTIONAL SYMBOLS FA = 0 FE = 0 FE = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION TABLE		
	DIMENSION UNITS <b>MM</b>	SCALE <b>1:1</b>			
	GENERAL TOLERANCES (UNLESS SPECIFIED)				
	ANGULAR TOL ±				
4 PLACES ±					
DIVISIONAL SYMBOLS	3 PLACES ±	STATUS: Production DRWN: Praveen Kumar S CHK'D: Kun Du APPR: Ringo Hu			
	2 PLACES ± 0.130				
	1 PLACE ± 0.25				
	0 PLACES ±				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING <b>B-SIZE</b>	SERIES <b>200501</b>	
		MATERIAL NUMBER SEE TABLE	CUSTOMER	SHEET NUMBER 2 OF 2	
		DOCUMENT NUMBER <b>2005011250SD</b>		DOC TYPE <b>PSD</b>	
		DOC PART <b>000</b>		REVISION <b>D1</b>	