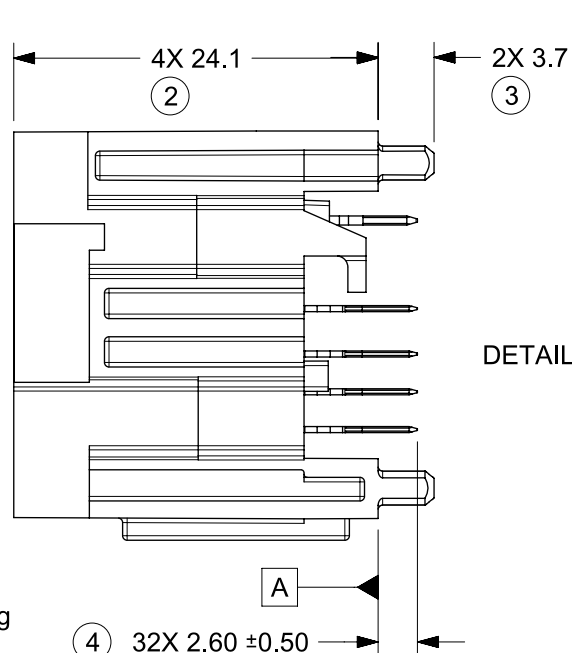
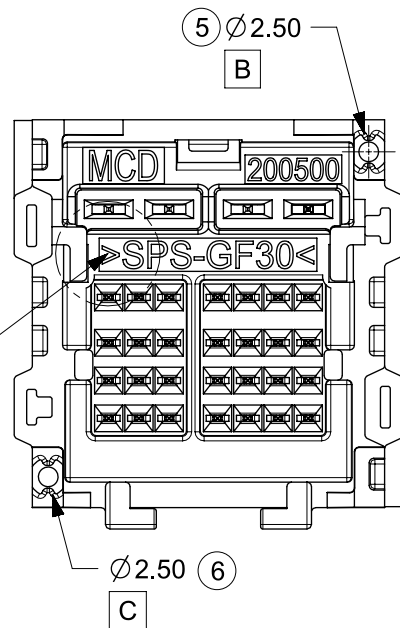


KEY 1
PART NO. 2005010321

SEE NOTE 3g

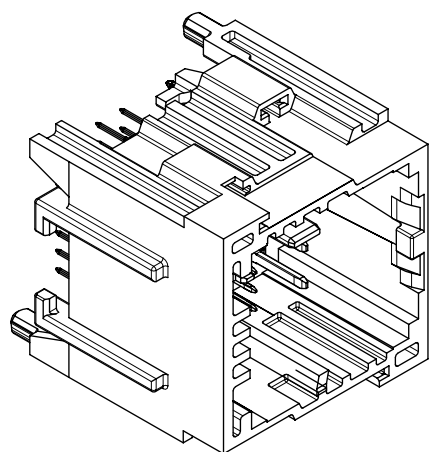


DETAIL A



PART NUMBER TUBE PACKAGING 2005058100	PART NUMBER TRAY PACKAGING 2005053013-PK	KEY	COLOR	TERMINAL QUANTITIES	
				0.5mm	1.2mm
2005010321	2005011321	1	BLACK	28	4
2005010322	2005011322	2	BLUE		
2005010323	2005011323	3	DARK GRAY		
2005010324	2005011324	4	PURPLE		

FOUR (4) KEYS AVAILABLE
SEE INTERFACE DRAWING
SD-160028-002 FOR DEFINITION



NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
 - a. APPLICATION SPECIFICATION 2005060000-AS
 - b. PRODUCT SPECIFICATION 2005060001-PS
 - c. CLASSIFICATIONS T2V1S1 TO GMW 3191 2012
 - DEGREE OF PROTECTION IP40 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
UNDERPLATE: OVERALL NICKEL
OVERPLATE: OVERALL TIN
 2. 1.2MM BLADES
BASE MATERIAL: COPPER ALLOY
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 2005010320
 - 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-160028-002
 - h. MATING HARNESS CONNECTORS MOLEX PN:
1600280011 (KEY 1)
1600280012 (KEY 2)
1600280013 (KEY 3)
1600280014 (KEY 4)

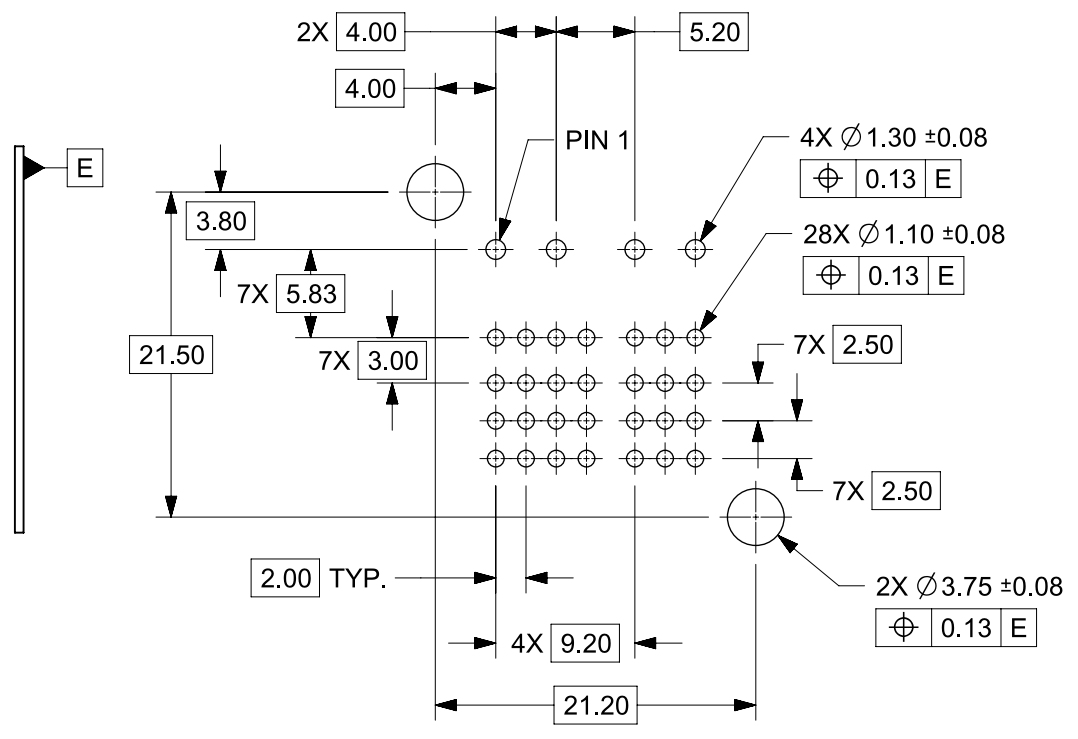
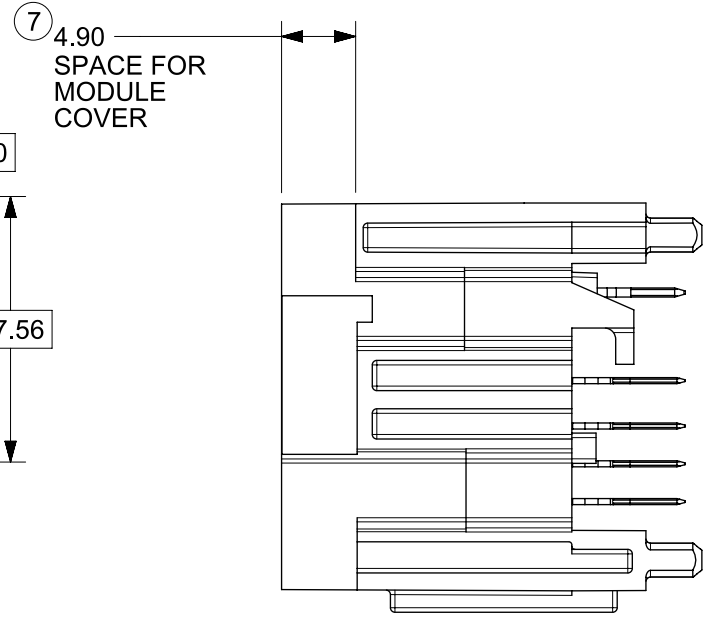
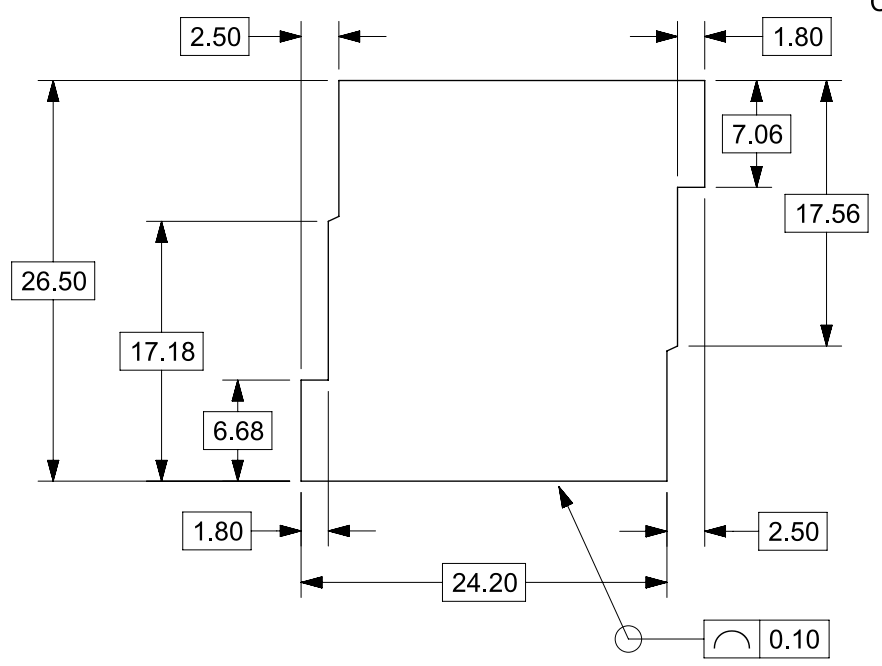
4. DESIGN - MANUFACTURING:
 - a. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (CLASS B)
 - b. REFLOW SOLDERABILITY PER SMES-152

SEE SHEET 2	
REVISION	DESCRIPTION

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
FUNCTIONAL SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC: SEE REVISION TABLE						
$\nabla = 0$	MM	2:1	 STAK50H MOD HDR 32 VERT SOLDER						
$\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)								
$\nabla = 0$	ANGULAR TOL ±								
	4 PLACES ±								
DIVISIONAL SYMBOLS	3 PLACES ±		STATUS: Production		<div style="display: flex; justify-content: space-between;"> <div> DRWN: Yann Chen CHK'D: Nick Wang APPR: Ringo Hu </div> <div> 2025-03-05 2025-03-07 2025-03-07 </div> </div>				
	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	

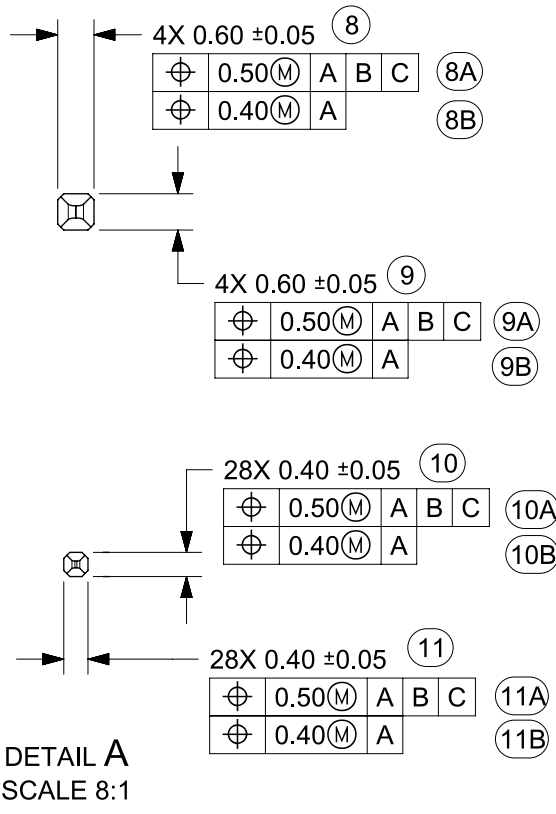
INSPECTION BALLOON NUMBER LOG
PER DRAWING REVISION: D1
LAST BALLOON NUMBER: 11B
ADDED BALLOON NUMBER: NONE
DELETED BALLOON NUMBER: NONE

RECOMMENDED MODULE OPENING
TO PASS ISO 20653 IP40



PCB LAYOUT
FOR REFERENCE

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



DETAIL A
SCALE 8:1

D2	NOTES 1.B AND 2.B UPDATED
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				molex					
	DIMENSION UNITS	SCALE	STATUS: Production			2025-03-05						
	MM	1:1	DRWN: Yann Chen			2025-03-07						
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: Nick Wang			2025-03-07						
ANGULAR TOL ±		APPR: Ringo Hu			2025-03-07			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
4 PLACES ±		THIRD ANGLE PROJECTION			DRAWING		SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
3 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			B-SIZE	200501	SEE TABLE			2 OF 2		
2 PLACES ± 0.130												
1 PLACE ± 0.25												
0 PLACES ±												