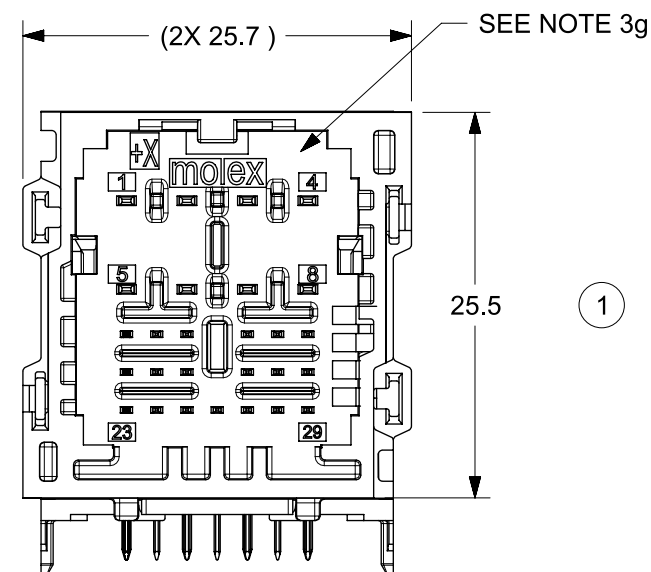
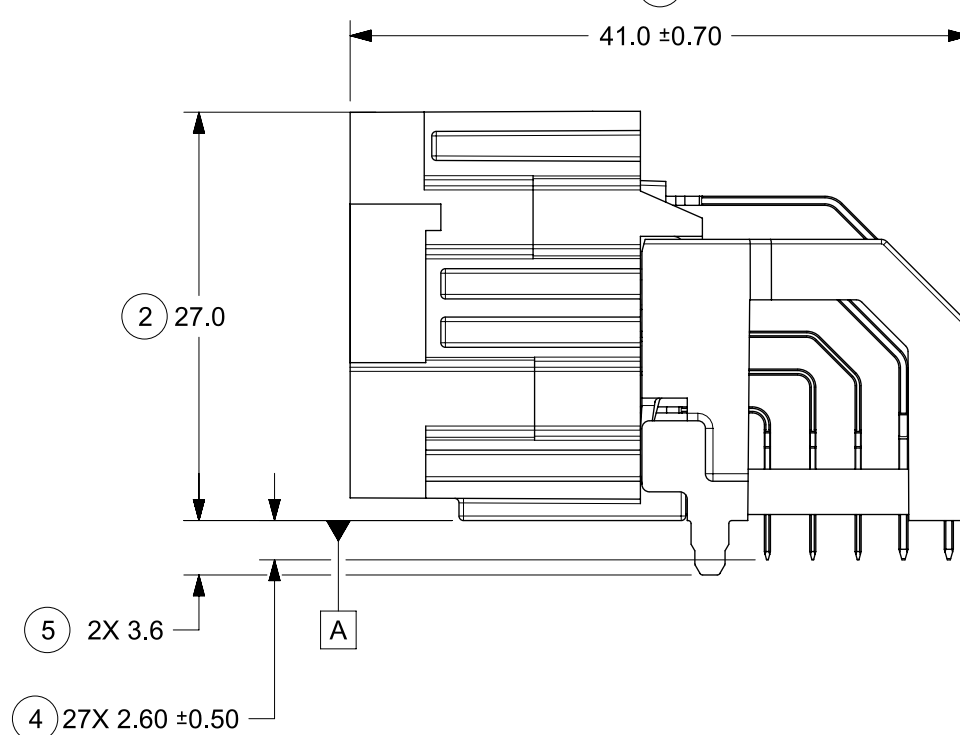
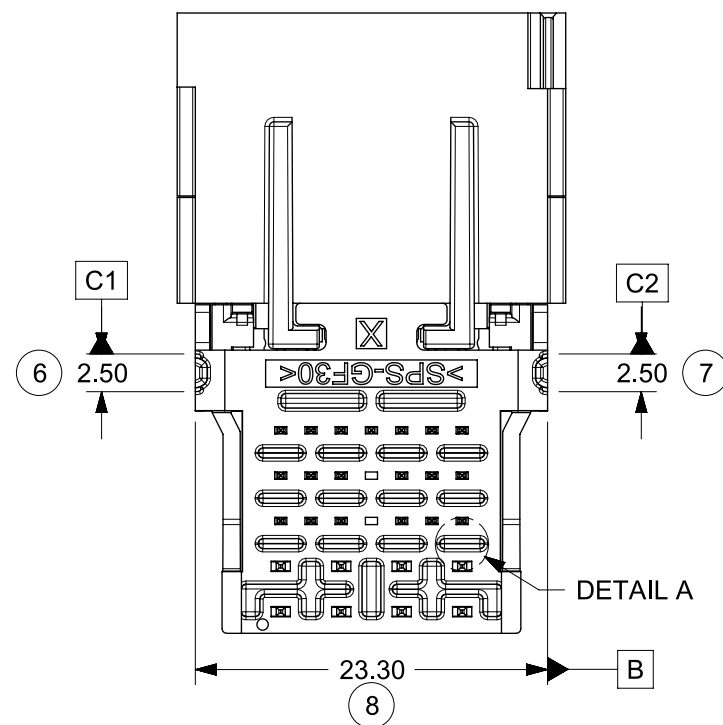
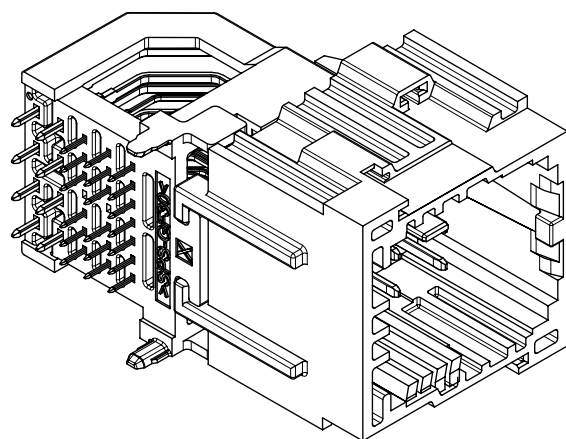




KEY 1
PART NO. 2005020271



	PART NUMBER TUBE PACKAGING 2005028100	PART NUMBER TRAY PACKAGING 2005062105-PK	KEY	COLOR	TERMINAL QUANTITIES		PRODUCTION REGION
					0.5mm	1.2mm	
	2005020271	2005021271	1	BLACK	19	8	CHINA
	2005020272	2005021272	2	GREEN			
	2005020273	2005021273	3	BLUE			
	2005020274	2005021274	4	PURPLE			
D3	3065830271	3065831271	1	BLACK	19	8	NORTH AMERICA
D3	3065830272	3065831272	2	GREEN			
D3	3065830273	3065831273	3	BLUE			
D3	3065830274	3065831274	4	PURPLE			

FOUR (4) KEYS AVAILABLE
SEE INTERFACE DRAWING
SD-160029-002 FOR DEFINITION

- NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

- a. APPLICATION SPECIFICATION: 2005060000-AS

- b. **PRODUCT SPECIFICATION:** 2005060001-PS

- 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

- 2) 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 2005020270

- ### 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-160029-002

- #### h. MATING HARNESS CONNECTORS MOLEX PN:

1600290011 (KEY 1)

1600290012 (KEY 2)

1600290013 (KEY 3)

1600290014 (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								
CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
SCALE	CURRENT REV DESC: SEE REVISION TABLE				<div>molex</div> <div>STAK50H MOD HDR 27 RA SINGLE BAY ASM</div> <div>PRODUCT CUSTOMER DRAWING</div>						
2:1											
DIMENSIONS (SPECIFIED)											
0.5"											
0.130	STATUS: Production										
0.25	DRWN: Alan Nunez				2026-09-02		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	CHK'D: Alan Nunez				2026-09-15		2005021270SD		PSD	000	D3
	APPR: ENRIQUE CEDEÑO				2026-09-15						
TOLERANCES UNLESS SPECIFIED	THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
DIMENSIONS			B-SIZE	200502	SEE TABLE				1 OF 2		

