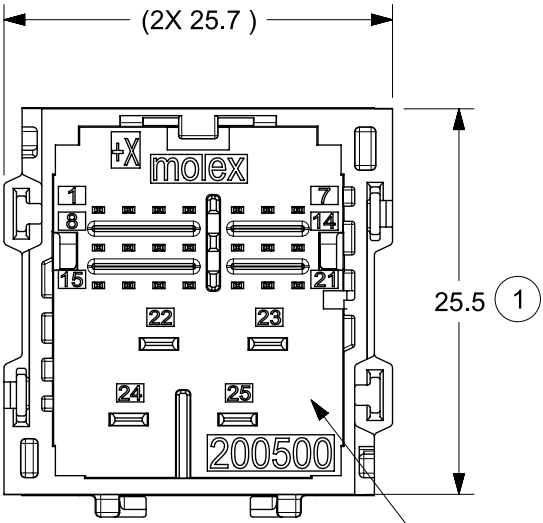
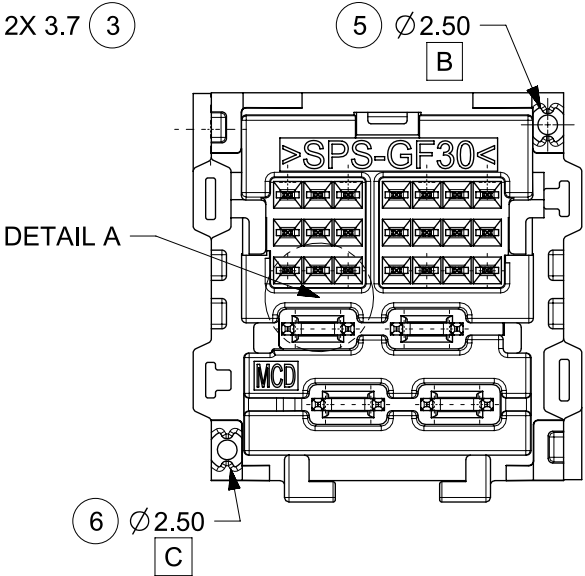
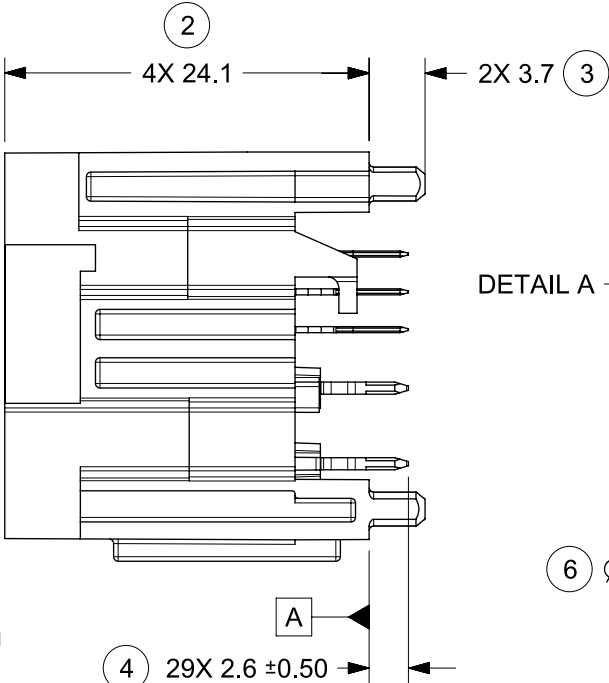




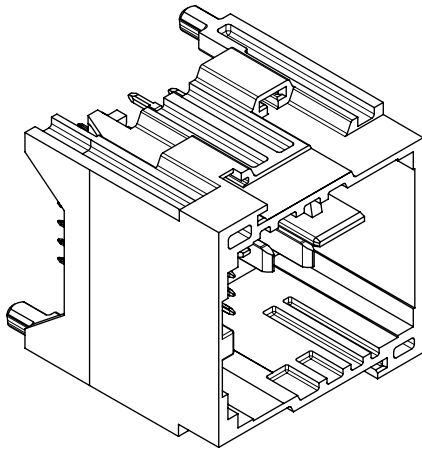
KEY 1
PART NO. 2005010251



- 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 IP20 TO ISO 20653 WITH MOLEX MATING CONNECTOR
 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. 2.8MM 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 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

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



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

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 E A = 0 E C = 0 E D = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC: SEE REVISION TABLE				molex					
	MM	2:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
	ANGULAR TOL ± °											
	4 PLACES	±					STATUS: Production DRWN: Yann Chen 2025-03-05 CHK'D: Nick Wang 2025-03-07 APPR: Ringo Hu 2025-03-07		STAK50H MOD HDR 25 VERT SOLDER			
	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					

