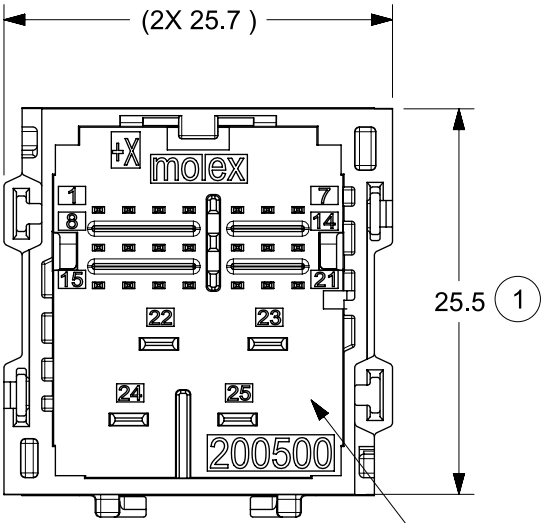
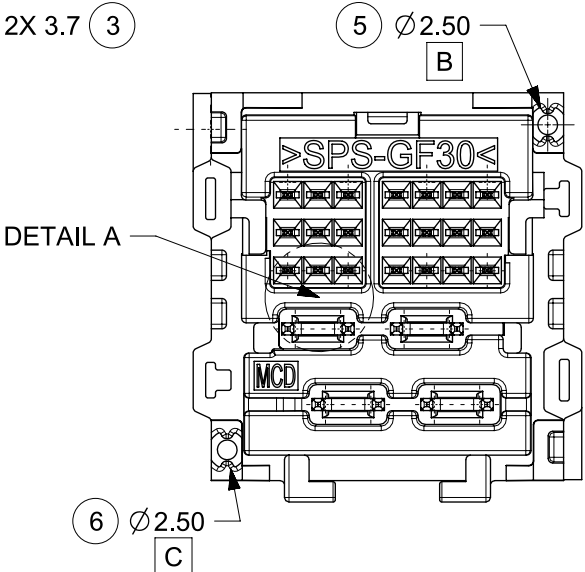
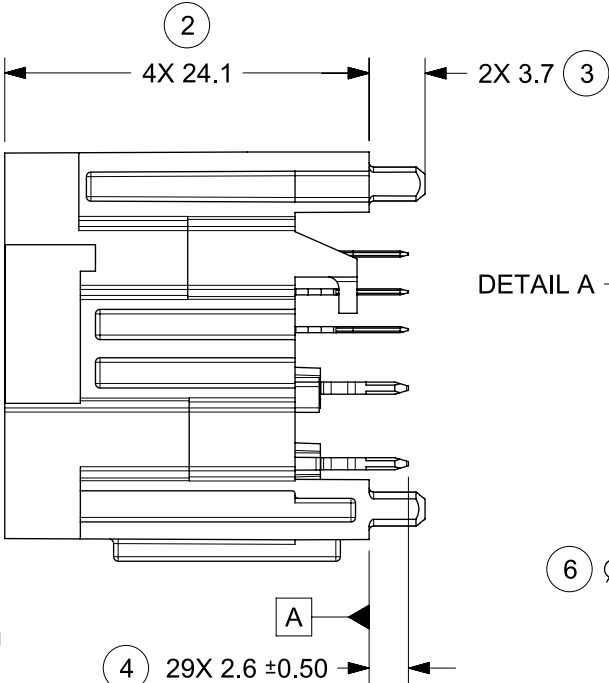




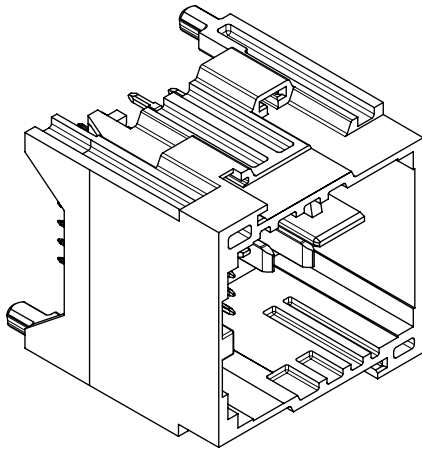
KEY 1
PART NO. 2005010251



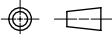
- NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:
 - a. APPLICATION SPECIFICATION 2005060000-AS
 - b. PRODUCT SPECIFICATION 2005060001-PS
 - CLASSIFICATIONS T2V1S1 TO GMW 3191 2012
 - DEGREE OF PROTECTION IP20 TO ISO 20653 WITH MOLEX MATING CONNECTOR
 2. DESIGN - MATERIALS:
 - a. HOUSING: SPS 30% 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/F = 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 ± °									STAK50H MOD HDR 25 VERT SOLDER					
	4 PLACES	±													
	3 PLACES	±													
	2 PLACES	± 0.130													
	1 PLACE	± 0.25													
	0 PLACES	±						STATUS: Production		2025-03-05		DOCUMENT NUMBER		DOC TYPE	DOC PART
DRWN: Yann Chen		2025-03-07		2005011250SD		PSD	000	D2							
CHK'D: Nick Wang		2025-03-07													
APPR: Ringo Hu															
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			

