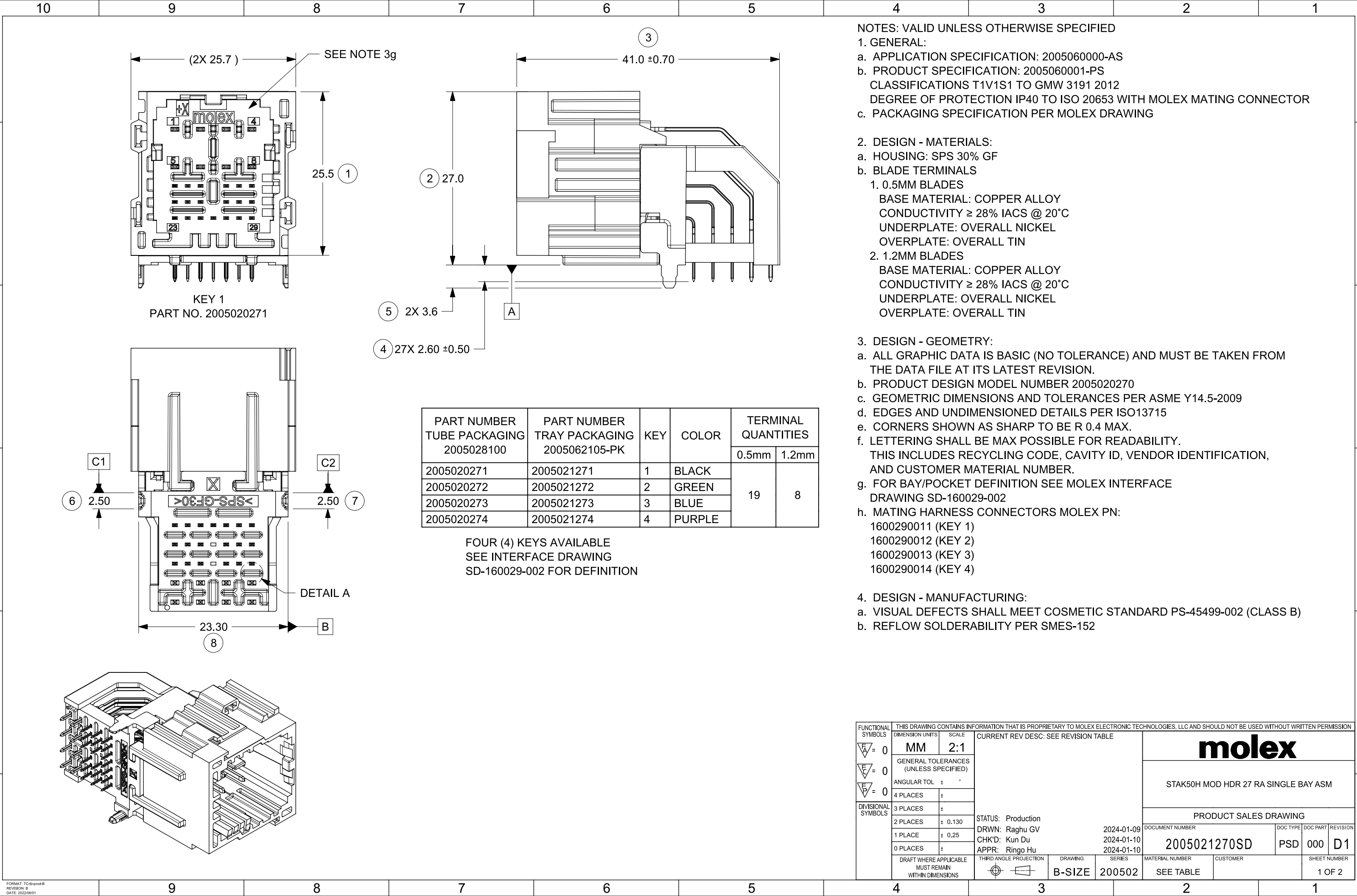




NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

a. APPLICATION SPECIFICATION: 2005060000-AS

b. PRODUCT SPECIFICATION: 2005060001-PS
CLASSIFICATIONS T1V1S1 TO GMW 3191 2012
DEGREE OF PROTECTION 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
CONDUCTIVITY ≥ 28% IACS @ 20°C
UNDERPLATE: OVERALL NICKEL
OVERPLATE: OVERALL TIN

2. 1.2MM BLADES
BASE MATERIAL: COPPER ALLOY
CONDUCTIVITY ≥ 28% 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 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

PART NUMBER TUBE PACKAGING 2005028100	PART NUMBER TRAY PACKAGING 2005062105-PK	KEY	COLOR	TERMINAL QUANTITIES	
				0.5mm	1.2mm
2005020271	2005021271	1	BLACK	19	8
2005020272	2005021272	2	GREEN		
2005020273	2005021273	3	BLUE		
2005020274	2005021274	4	PURPLE		

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

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				molex						
∇_A = 0	MM		2:1								STAK50H MOD HDR 27 RA SINGLE BAY ASM				
∇_E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)														
∇_F = 0	ANGULAR TOL ± °														
DIVISIONAL SYMBOLS	4 PLACES		±						STATUS: Production DRWN: Raghu GV 2024-01-09 CHK'D: Kun Du 2024-01-10 APP'R: Ringo Hu 2024-01-10		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	3 PLACES		±								2005021270SD		PSD	000	D1
	2 PLACES		± 0.130		MATERIAL NUMBER		CUSTOMER				SHEET NUMBER				
	1 PLACE		± 0.25		SEE TABLE						1 OF 2				
	0 PLACES		±												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES							
						B-SIZE		200502							

