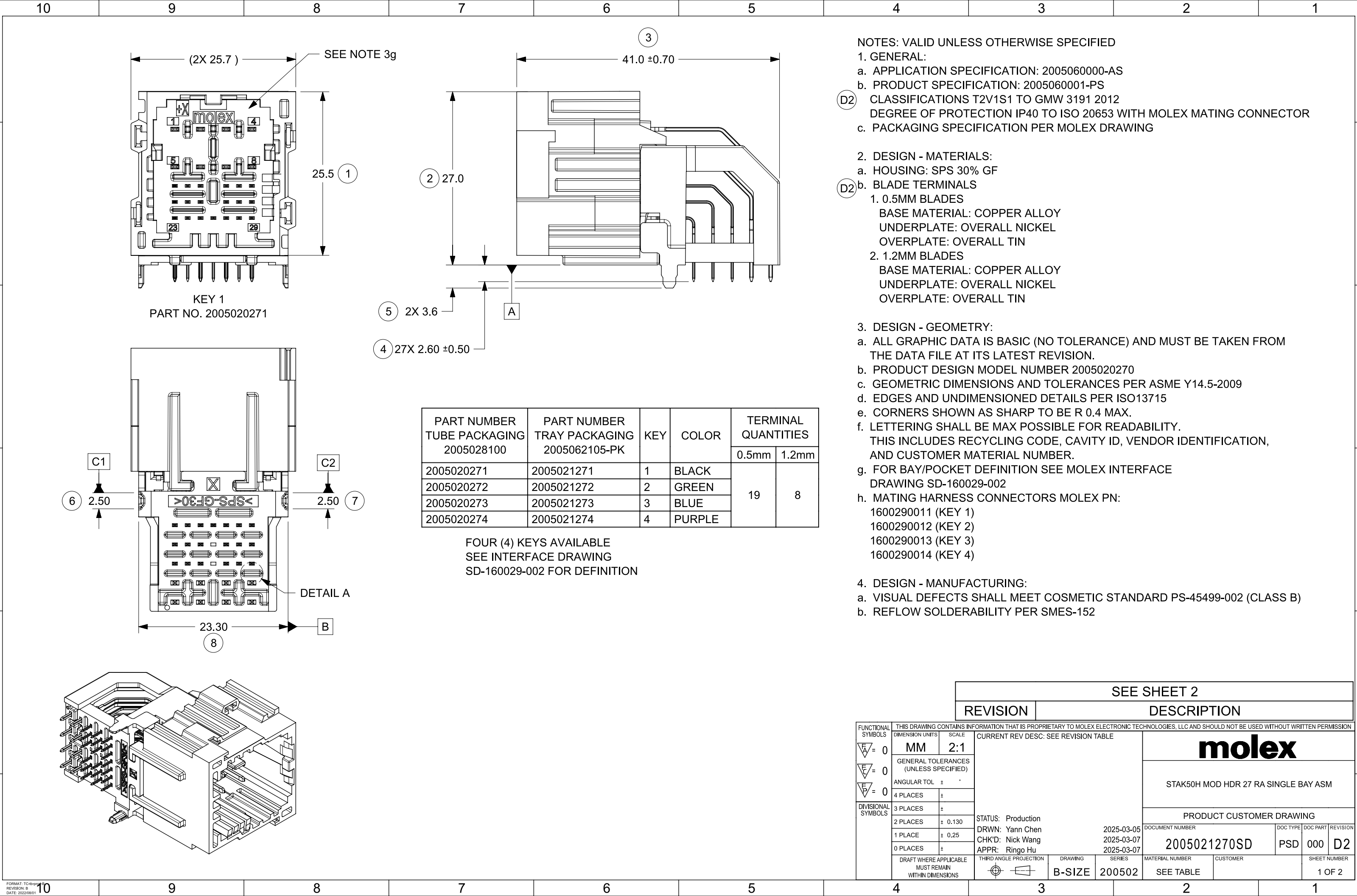




NOTES: VALID UNLESS OTHERWISE SPECIFIED

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 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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
FUNCTIONAL SYMBOLS ⊲ = 0 ⊳ = 0 ⊴ = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE	CURRENT REV DESC: SEE REVISION TABLE			molex STAK50H MOD HDR 27 RA SINGLE BAY ASM						
	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			PRODUCT CUSTOMER DRAWING			
	3 PLACES		±							DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
	2 PLACES		± 0.130							2005021270SD	PSD	000	D2
	1 PLACE		± 0.25										
	0 PLACES		±										
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER
				B-SIZE		200502		SEE TABLE				1 OF 2	

