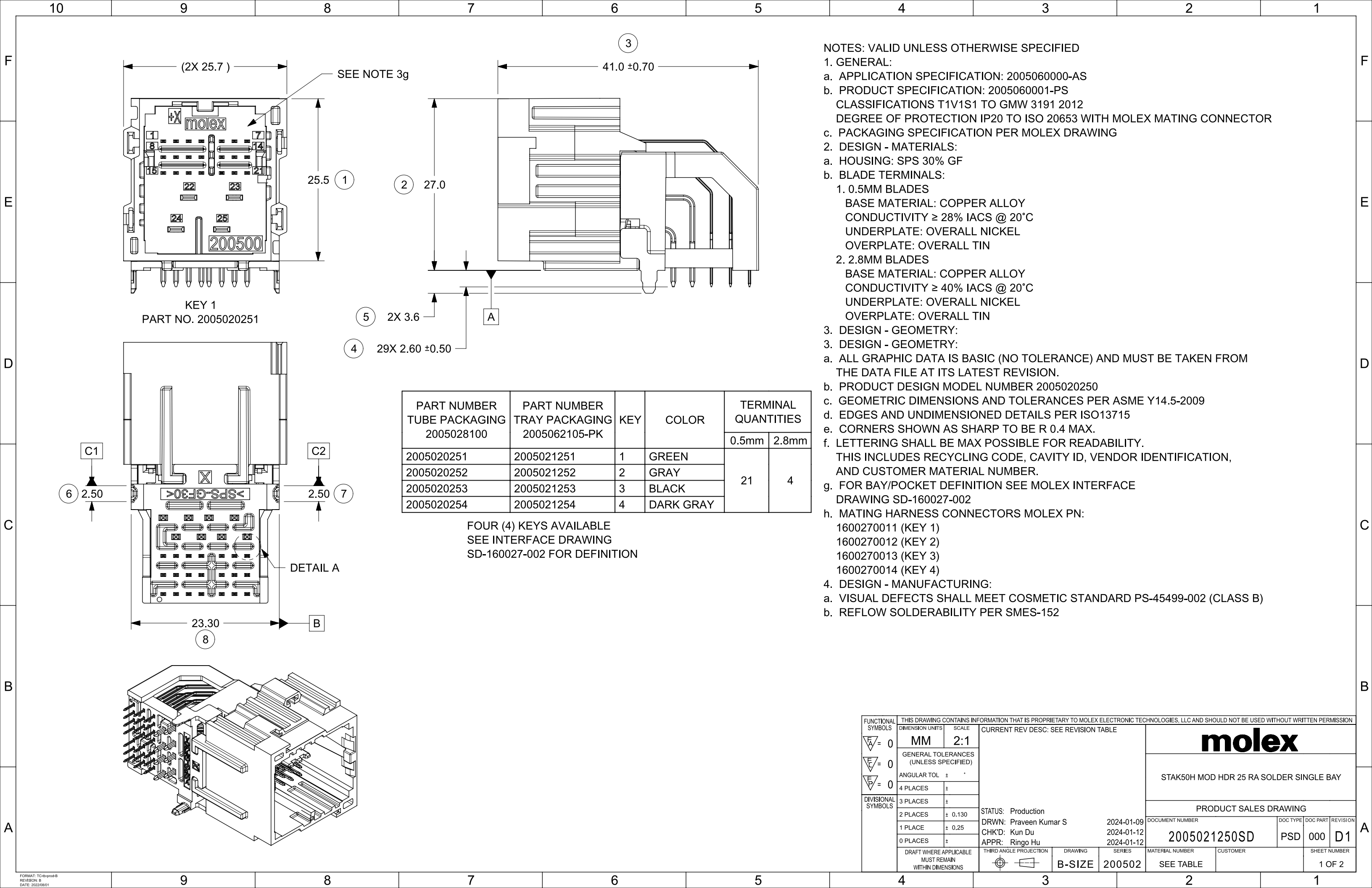




NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

a. APPLICATION SPECIFICATION: 2005060000-AS

b. PRODUCT SPECIFICATION: 2005060001-PS

CLASSIFICATIONS T1V1S1 TO GMW 3191 2012

DEGREE OF PROTECTION IP20 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. 2.8MM BLADES

BASE MATERIAL: COPPER ALLOY

CONDUCTIVITY ≥ 40% IACS @ 20°C

UNDERPLATE: OVERALL NICKEL

OVERPLATE: OVERALL TIN

3. DESIGN - GEOMETRY:

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 2005020250

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

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 STAK50H MOD HDR 25 RA SOLDER SINGLE BAY								
	MM		2:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
	ANGULAR TOL ± °															
	4 PLACES		±													
	DIVISIONAL SYMBOLS	3 PLACES		±		PRODUCT SALES DRAWING										
		2 PLACES		± 0.130												
		1 PLACE		± 0.25												
		0 PLACES		±		DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
						B-SIZE		200502		SEE TABLE				1 OF 2		

