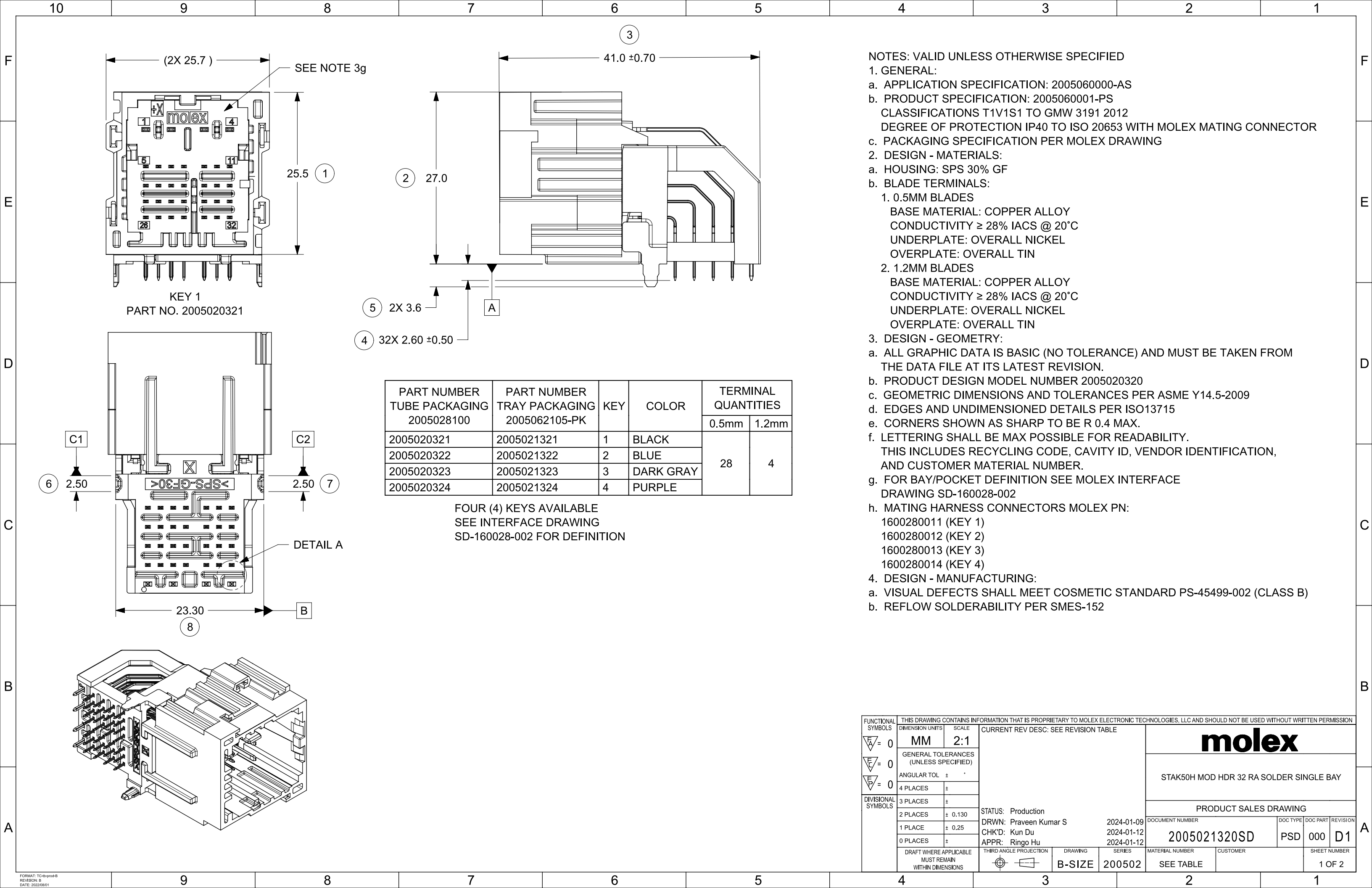




NOTES: VALID UNLESS OTHERWISE SPECIFIED

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 2005020320

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-160028-002

h. MATING HARNESS CONNECTORS MOLEX PN:

1600280011 (KEY 1)

1600280012 (KEY 2)

1600280013 (KEY 3)

1600280014 (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
2005020321	2005021321	1	BLACK	28	4
2005020322	2005021322	2	BLUE		
2005020323	2005021323	3	DARK GRAY		
2005020324	2005021324	4	PURPLE		

FOUR (4) KEYS AVAILABLE
SEE INTERFACE DRAWING
SD-160028-002 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 STAK50H MOD HDR 32 RA SOLDER SINGLE BAY							
	MM	2:1	GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± °						PRODUCT SALES DRAWING								
4 PLACES	±													
DIVISIONAL SYMBOLS	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		200502		SEE TABLE				1 OF 2	

