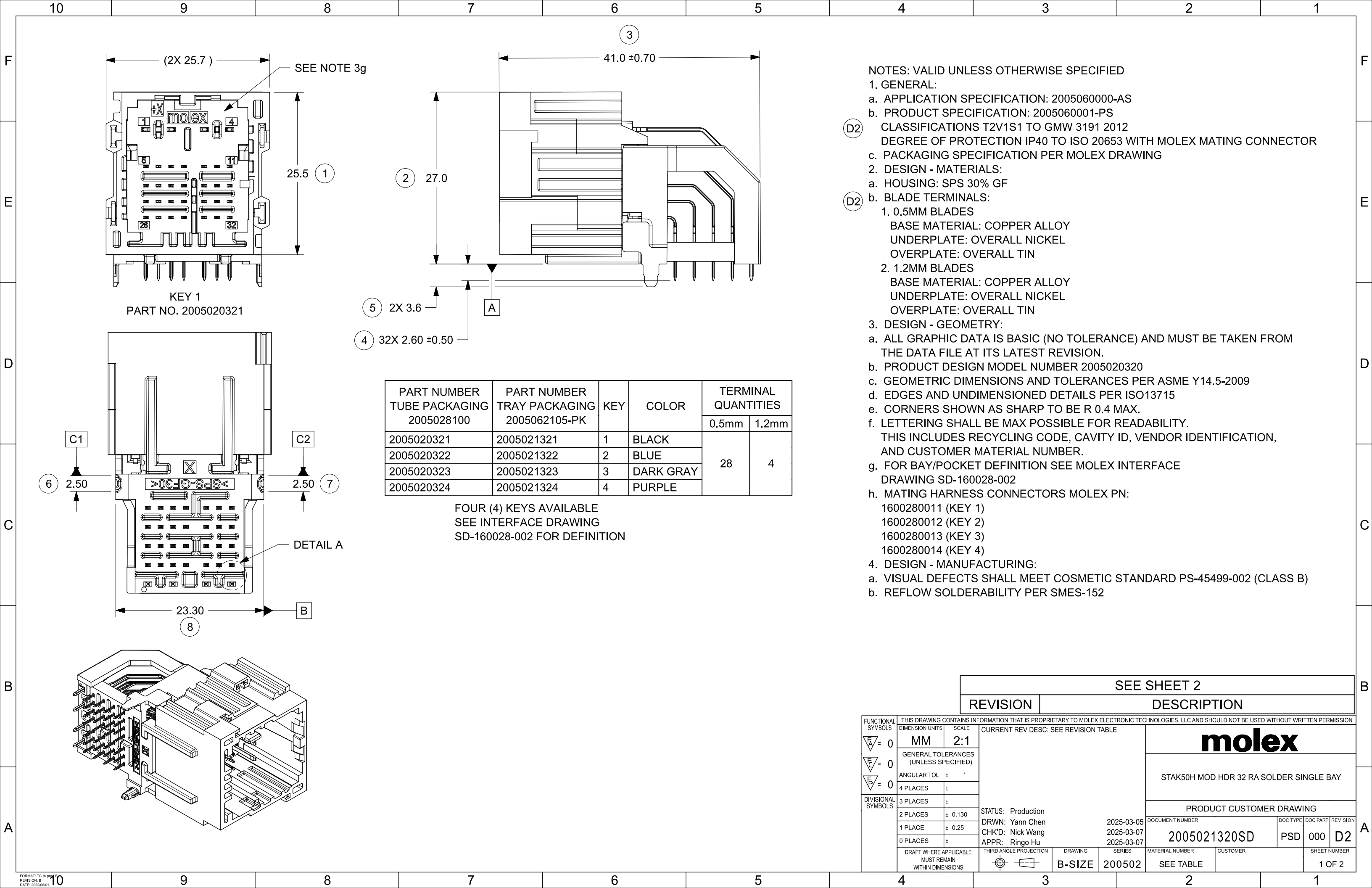




NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

a. APPLICATION SPECIFICATION: 2005060000-AS

b. PRODUCT SPECIFICATION: 2005060001-PS

D2

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

D2

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 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

SEE SHEET 2	
REVISION	DESCRIPTION

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				
	MM		2:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)										
ANGULAR TOL		±	°				STAK50H MOD HDR 32 RA SOLDER SINGLE BAY				
4 PLACES		±									
DIVISIONAL SYMBOLS	3 PLACES		±	STATUS: Production DRWN: Yann Chen CHK'D: Nick Wang APPR: Ringo Hu			PRODUCT CUSTOMER DRAWING				
	2 PLACES		± 0.130								
	1 PLACE		± 0.25				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	0 PLACES		±				2005021320SD		PSD	000	D2
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION				DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	
			B-SIZE	200502	SEE TABLE			1 OF 2			

