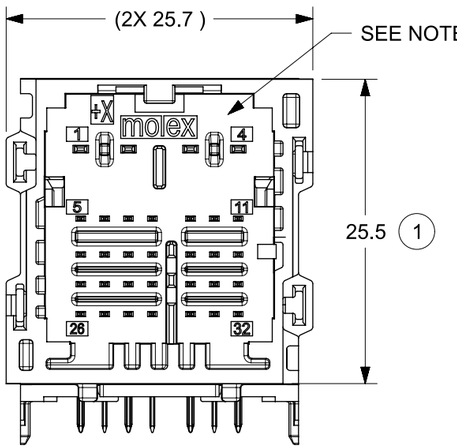
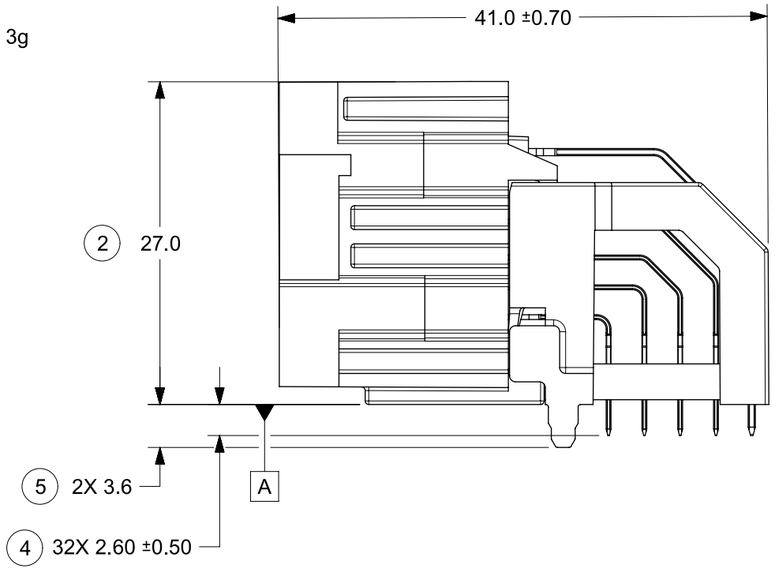
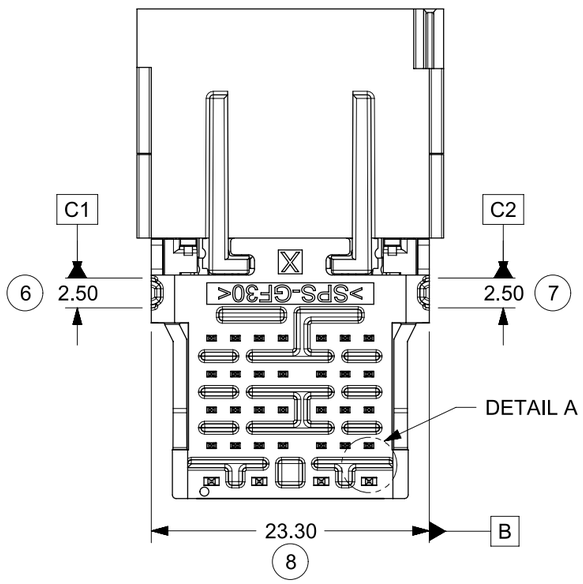
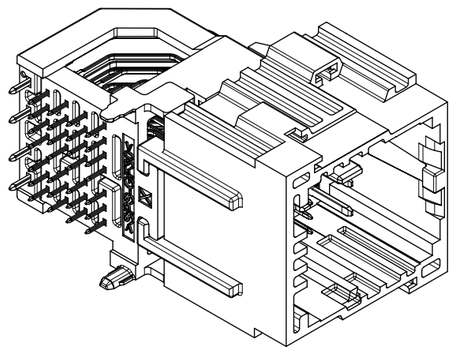


KEY 1
PART NO. 2005020321







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

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

FUNCTIONAL SYMBOLS
EA = 0
EC = 0
EP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
MM	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ±	'
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.130
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

STATUS: Production
DRWN: Praveen Kumar S 2024-01-09
CHK'D: Kun Du 2024-01-12
APPR: Ringo Hu 2024-01-12

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 200502

molex

STAK50H MOD HDR 32 RA SOLDER SINGLE BAY

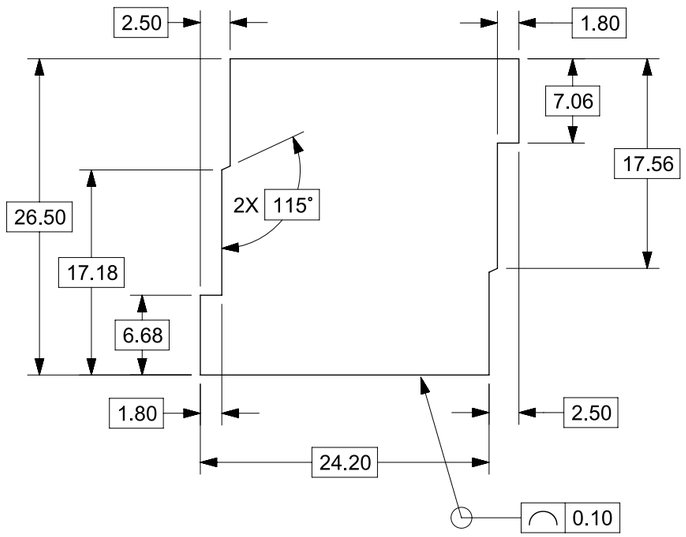
PRODUCT SALES DRAWING

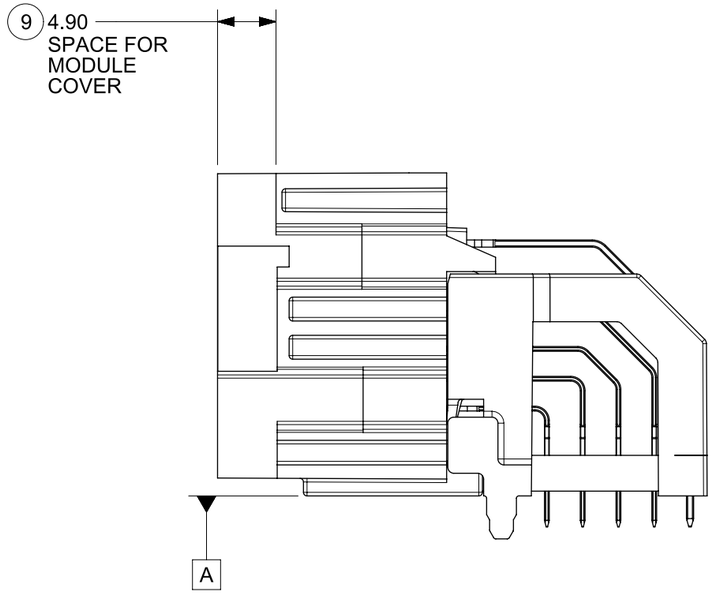
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2005021320SD	PSD	000	D1

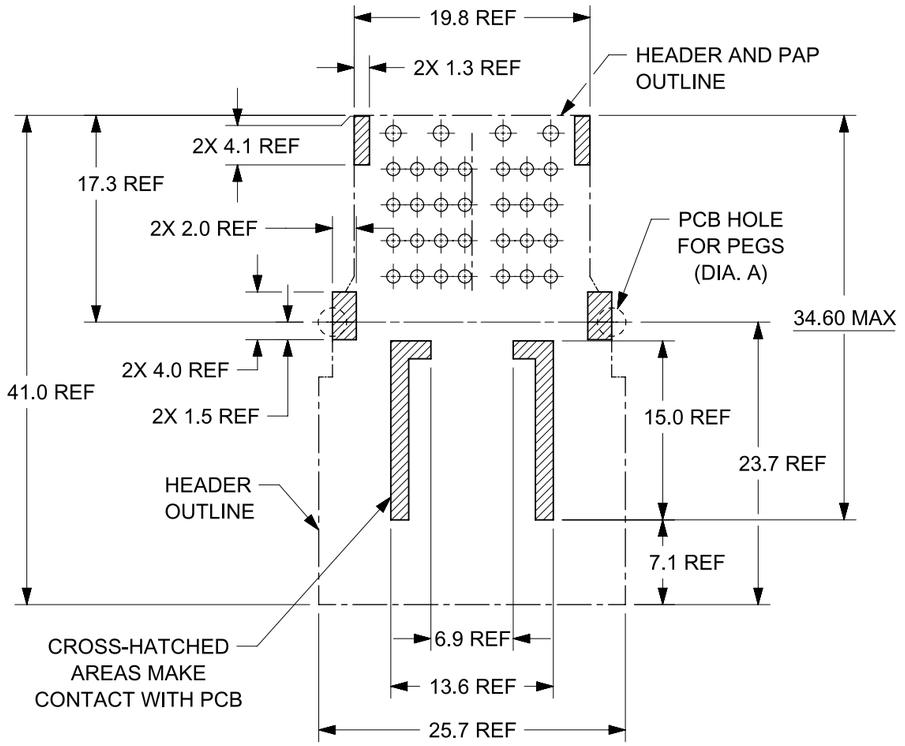
MATERIAL NUMBER: SEE TABLE
CUSTOMER:
SHEET NUMBER: 1 OF 2

FORMAT: TC-tb-prod-B
REVISION: B
DATE: 2022/08/01

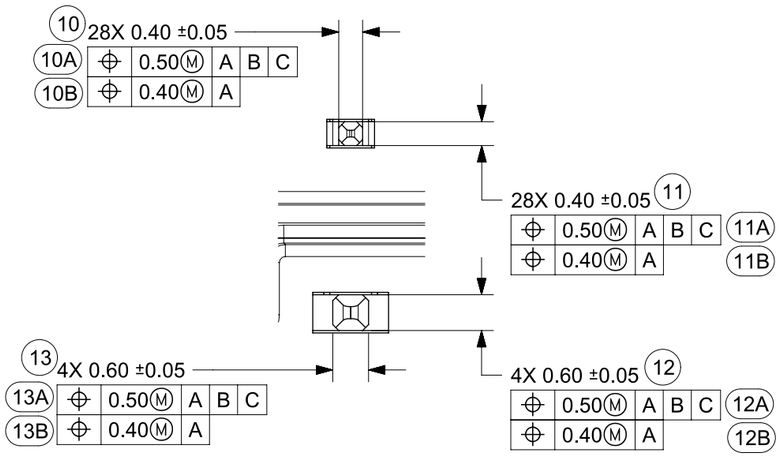
RECOMMENDED MODULE OPENING
TO PASS ISO 20653 IP40



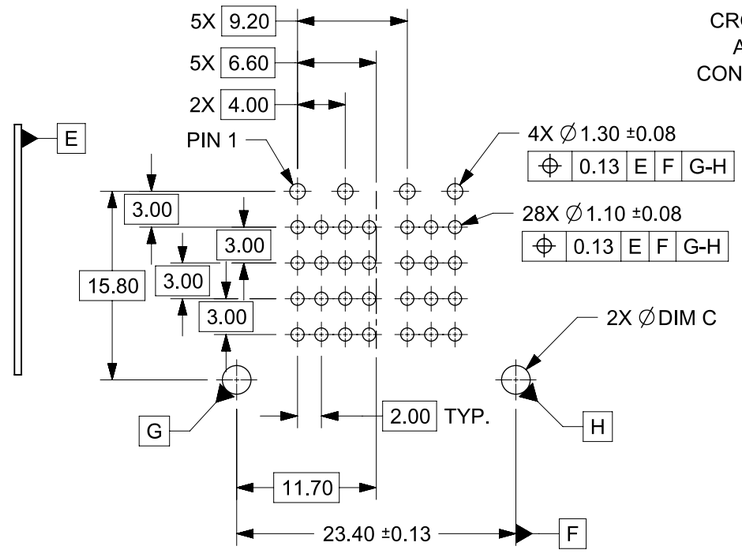




HEADER OUTLINE AND
PCB - HEADER CONTACT AREAS
FOR REFERENCE ONLY



DETAIL A
SCALE 10:1



PCB LAYOUT
FOR REFERENCE

POST HOLE FIT	DIM C
PRESS FIT	2.40±0.08
DROP IN	2.90 MIN

REVISION	DESCRIPTION
D1	TITLE BLOCK UPDATE
D	UPDATED THE PACKAGING DETAILS
C2	ADDED PCB HOLE DIMENSIONAL & POSITIONAL TOLERANCE 17-Feb-2020 YPENG47 ECN:630264

FUNCTIONAL SYMBOLS: FA = 0; FC = 0; FD = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
MM	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± '
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.130
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

STATUS: Production
DRWN: Praveen Kumar S 2024-01-09
CHK'D: Kun Du 2024-01-12
APPR: Ringo Hu 2024-01-12

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 200502 | MATERIAL NUMBER: SEE TABLE | CUSTOMER

molex

STAK50H MOD HDR 32 RA SOLDER SINGLE BAY

PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2005021320SD	PSD	000	D1

SHEET NUMBER: 2 OF 2

FORMAT: TC-tb-prod-B
REVISION: B
DATE: 2022/08/01