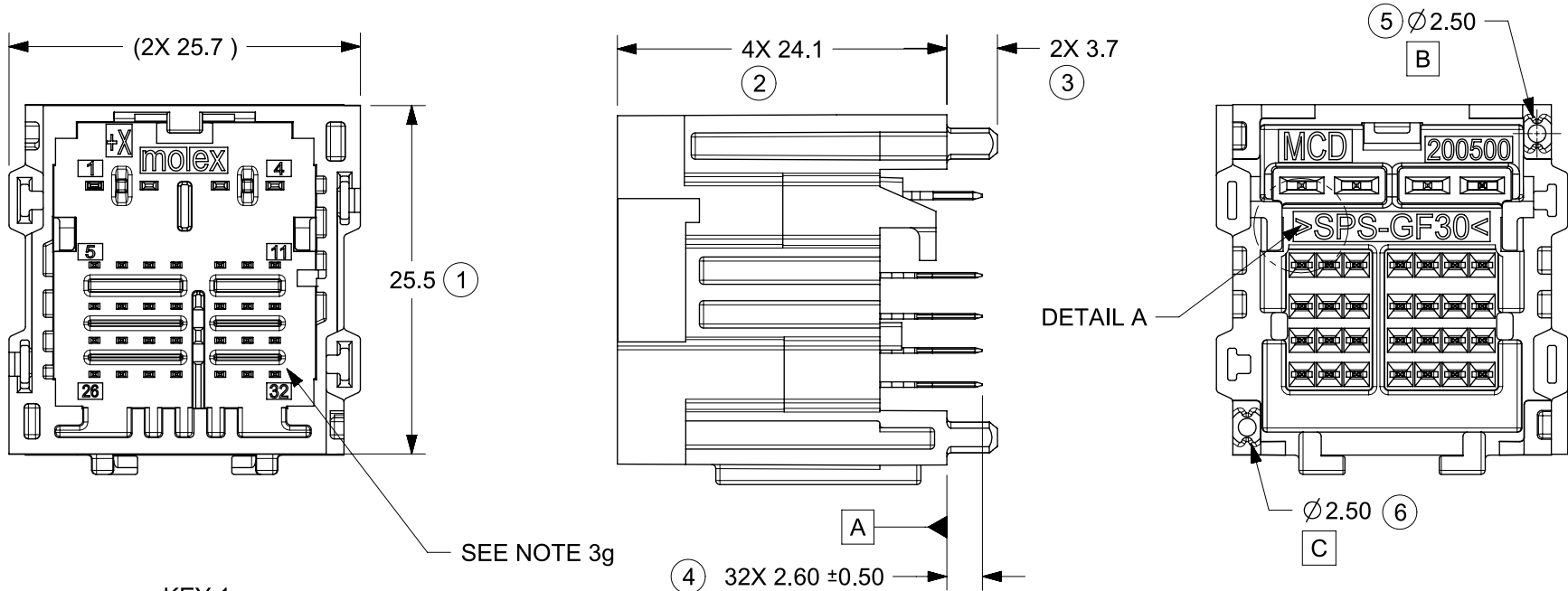
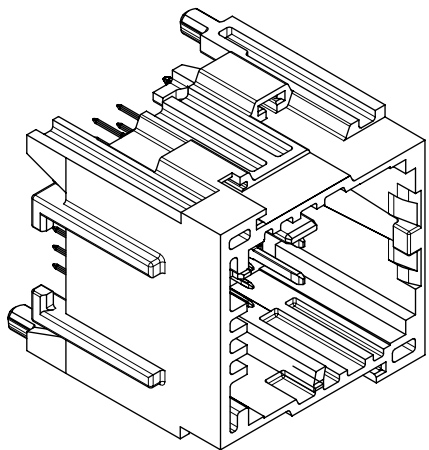




KEY 1
PART NO. 2005010321

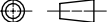
PART NUMBER TUBE PACKAGING 2005058100	PART NUMBER TRAY PACKAGING 2005053013-PK	KEY	COLOR	TERMINAL QUANTITIES	
				0.5mm	1.2mm
2005010321	2005011321	1	BLACK	28	4
2005010322	2005011322	2	BLUE		
2005010323	2005011323	3	DARK GRAY		
2005010324	2005011324	4	PURPLE		

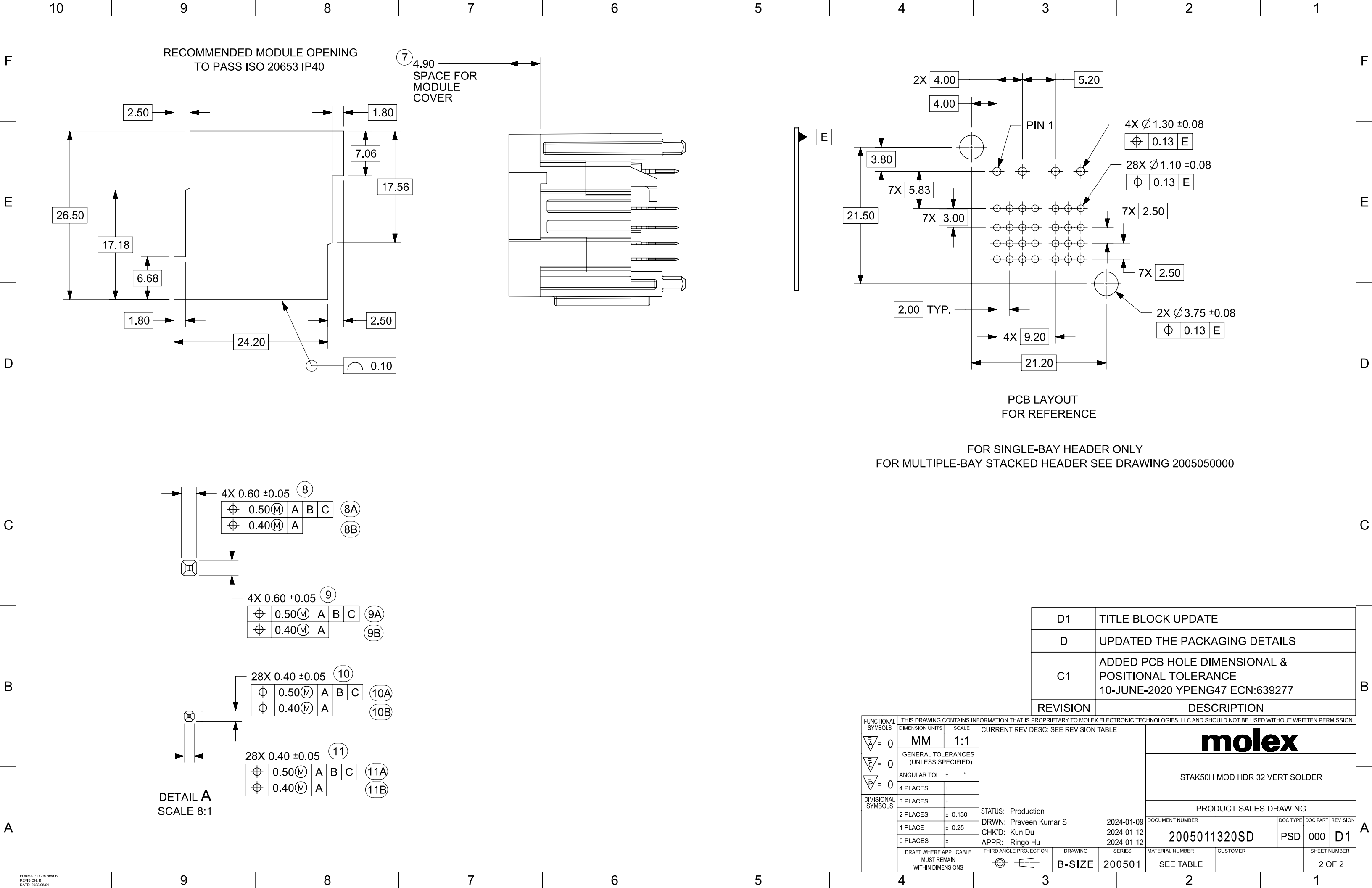
FOUR (4) KEYS AVAILABLE
SEE INTERFACE DRAWING
SD-160028-002 FOR DEFINITION



INSPECTION BALLOON NUMBER LOG
PER DRAWING REVISION: D1
LAST BALLOON NUMBER: 11B
ADDED BALLOON NUMBER: NONE
DELETED BALLOON NUMBER: NONE

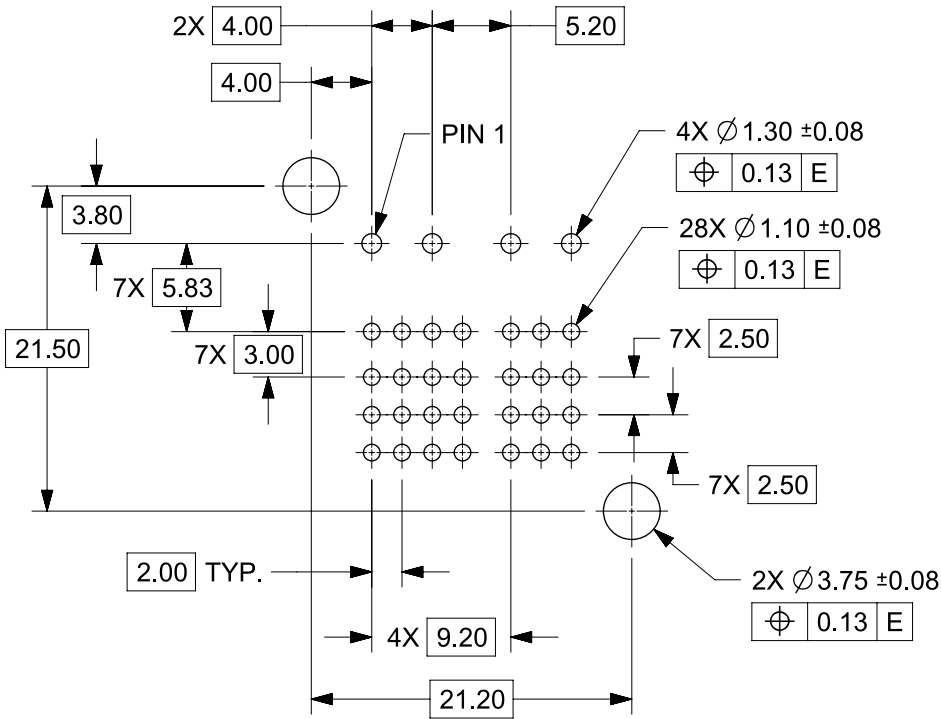
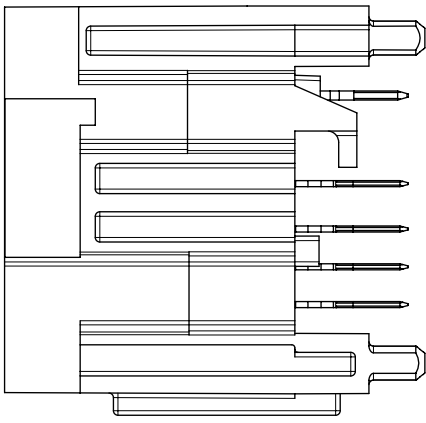
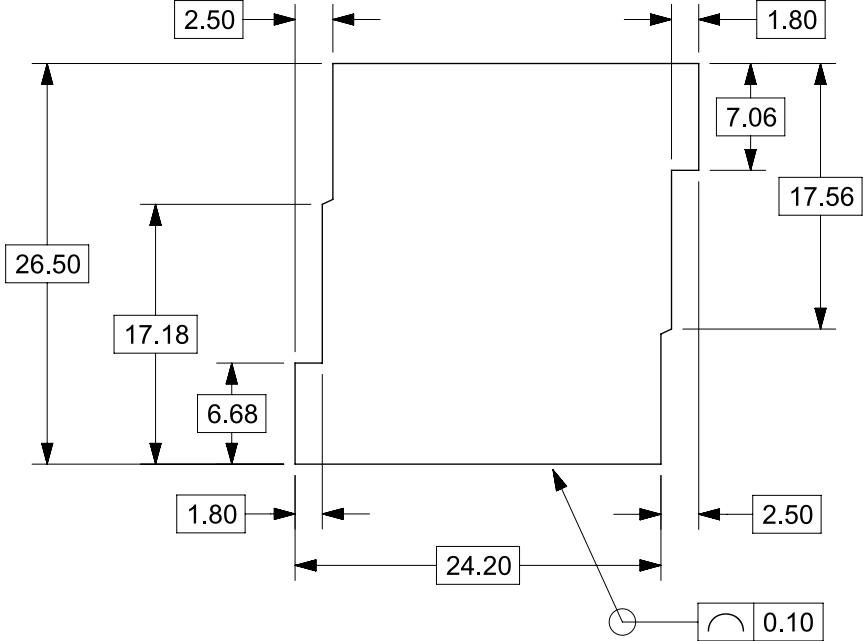
- NOTES: VALID UNLESS OTHERWISE SPECIFIED
- GENERAL:
 - APPLICATION SPECIFICATION 2005060000-AS
 - PRODUCT SPECIFICATION 2005060001-PS
CLASSIFICATIONS T1V1S1 TO GMW 3191 2012
DEGREE OF PROTECTION IP40 TO ISO 20653 WITH MOLEX MATING CONNECTOR
 - PACKAGING SPECIFICATION PER MOLEX DRAWING
 - DESIGN - MATERIALS:
 - HOUSING: SPS 30% GF
 - BLADE TERMINALS:
 - 0.5MM BLADES
BASE MATERIAL: COPPER ALLOY
CONDUCTIVITY ≥ 28% IACS @ 20°C
UNDERPLATE: OVERALL NICKEL
OVERPLATE: OVERALL TIN
 - 1.2MM BLADES
BASE MATERIAL: COPPER ALLOY
CONDUCTIVITY ≥ 28% IACS @ 20°C
UNDERPLATE: OVERALL NICKEL
OVERPLATE: OVERALL TIN
 - DESIGN - GEOMETRY:
 - ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
 - PRODUCT DESIGN MODEL NUMBER 2005010320
 - GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5-2009
 - EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - CORNERS SHOWN AS SHARP TO BE R 0.4 MAX.
 - LETTERING SHALL BE MAX POSSIBLE FOR READABILITY.
THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
 - FOR BAY/POCKET DEFINITION SEE MOLEX INTERFACE
DRAWING SD-160028-002
 - MATING HARNESS CONNECTORS MOLEX PN:
1600280011 (KEY 1)
1600280012 (KEY 2)
1600280013 (KEY 3)
1600280014 (KEY 4)
 - DESIGN - MANUFACTURING:
 - VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (CLASS 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 32 VERT SOLDER									
	MM		2:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)		STATUS: Production DRWN: Praveen Kumar S 2024-01-09 CHK'D: Kun Du 2024-01-12 APPR: Ringo Hu 2024-01-12			PRODUCT SALES DRAWING DOCUMENT NUMBER2005011320SDDOC TYPEPSDDOC PART000REVISIOND1											
	ANGULAR TOL ± °																
	4 PLACES ±																
	3 PLACES ±																
	2 PLACES ± 0.130		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION 		DRAWING B-SIZE		SERIES 200501		MATERIAL NUMBER SEE TABLE		CUSTOMER		SHEET NUMBER 1 OF 2	
	1 PLACE ± 0.25																
	0 PLACES ±																
DIVISIONAL SYMBOLS																	



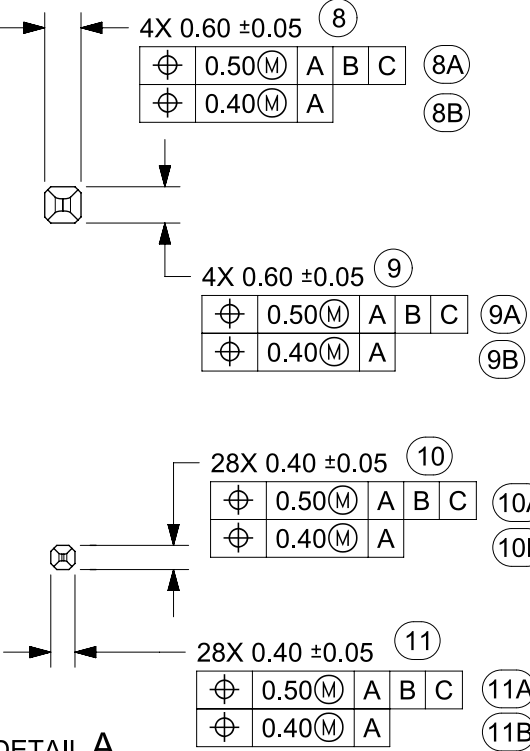
RECOMMENDED MODULE OPENING
TO PASS ISO 20653 IP40

⑦ 4.90
SPACE FOR
MODULE
COVER



PCB LAYOUT
FOR REFERENCE

FOR SINGLE-BAY HEADER ONLY
FOR MULTIPLE-BAY STACKED HEADER SEE DRAWING 2005050000



DETAIL A
SCALE 8:1

D1	TITLE BLOCK UPDATE
D	UPDATED THE PACKAGING DETAILS
C1	ADDED PCB HOLE DIMENSIONAL & POSITIONAL TOLERANCE 10-JUNE-2020 YPENG47 ECN:639277
REVISION	DESCRIPTION

FUNCTIONAL SYMBOLS F/A = 0 F/E = 0 F/V = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION TABLE			
	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		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
			B-SIZE	200501	SEE TABLE	

STATUS: Production
DRWN: Praveen Kumar S
CHK'D: Kun Du
APPR: Ringo Hu

2024-01-09
2024-01-12
2024-01-12

molex			
STAK50H MOD HDR 32 VERT SOLDER			
PRODUCT SALES DRAWING			
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2005011320SD	PSD	000	D1
SHEET NUMBER		2 OF 2	