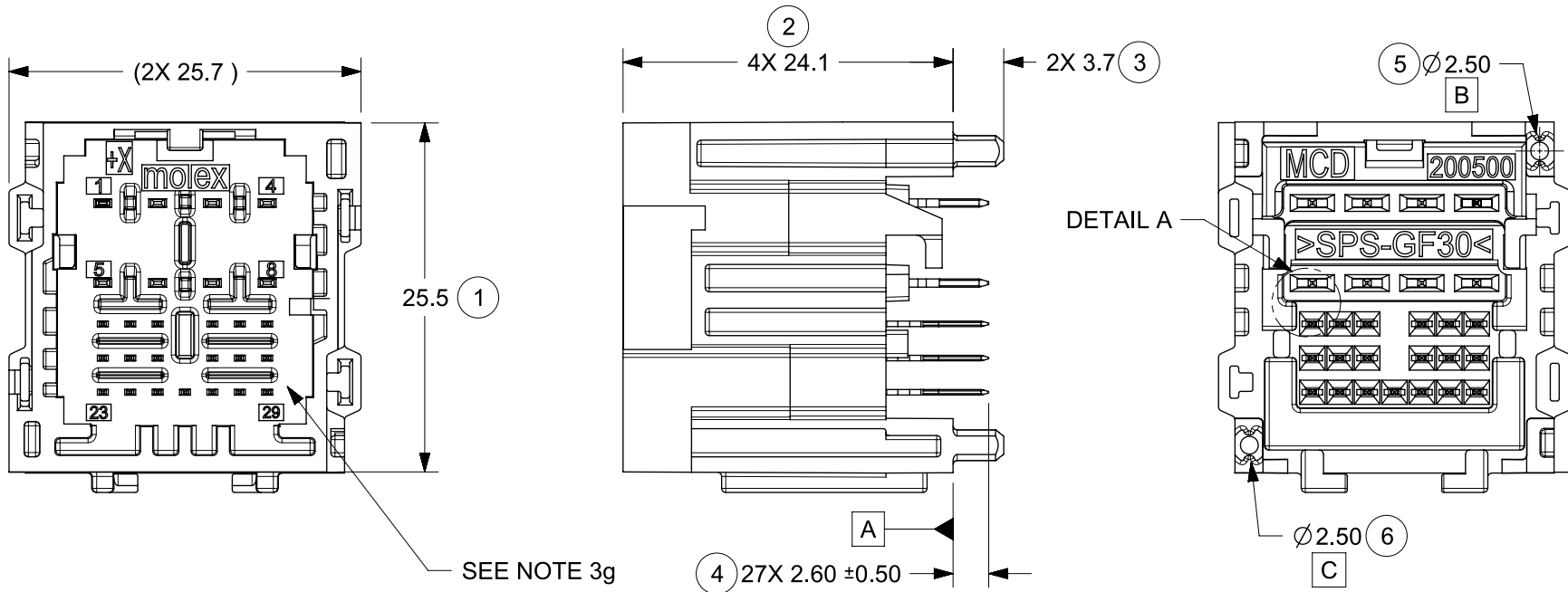




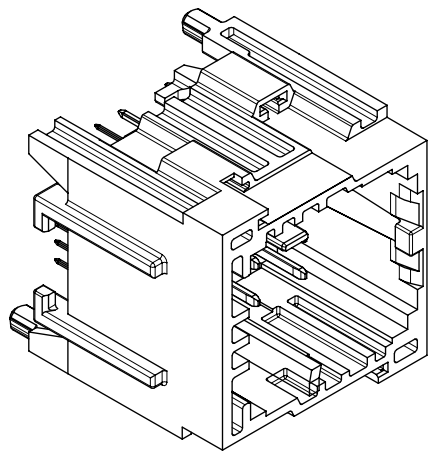
KEY 1
PART NO. 2005010271

SEE NOTE 3g

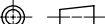
PART NUMBER TUBE PACKAGING 2005058100	PART NUMBER TRAY PACKAGING 2005053013-PK	KEY	COLOR	TERMINAL QUANTITIES	
				0.5mm	1.2mm
2005010271	2005011271	1	BLACK	19	8
2005010272	2005011272	2	GREEN		
2005010273	2005011273	3	BLUE		
2005010274	2005011274	4	PURPLE		

FOUR (4) KEYS AVAILABLE
SEE INTERFACE DRAWING
SD-160029-002 FOR DEFINITION

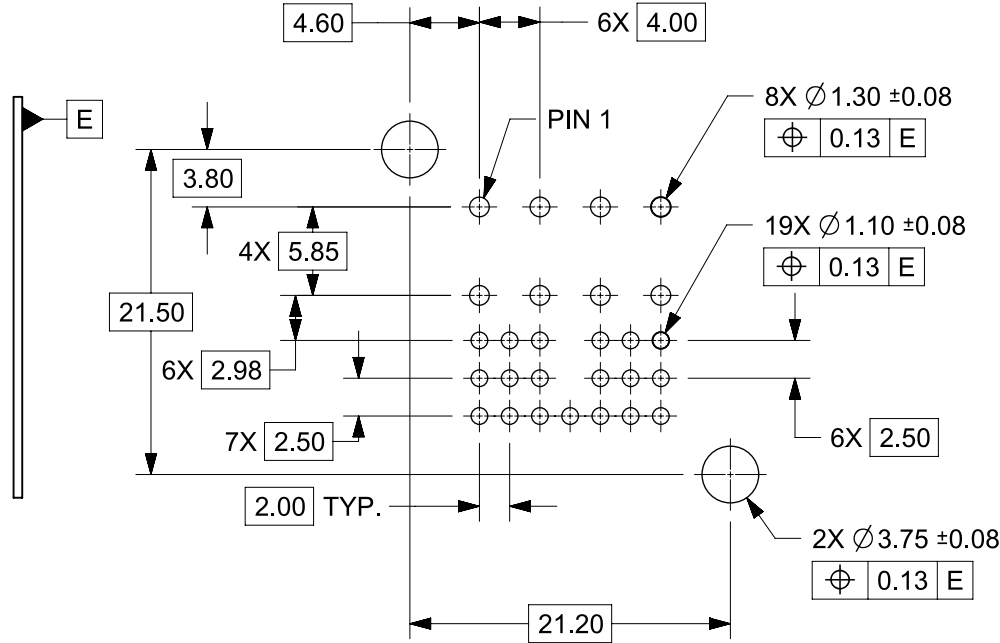
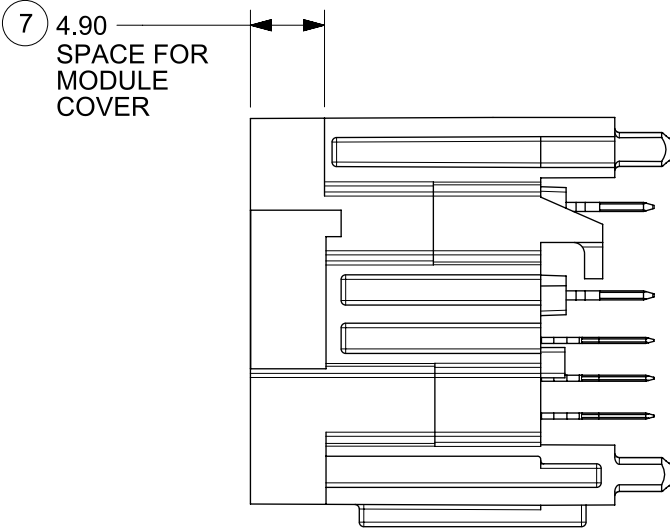
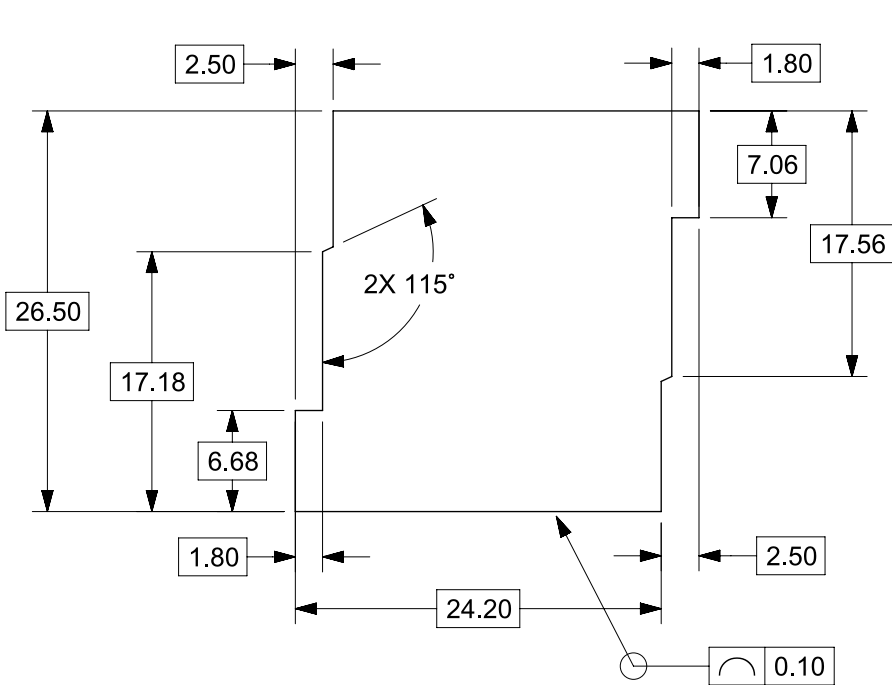
- NOTES: VALID UNLESS OTHERWISE SPECIFIED
- GENERAL:
 - APPLICATION SPECIFICATION 2005060000-AS
 - PRODUCT SPECIFICATION 2005060001-PS
 - CLASSIFICATIONS T2V1S1 TO GMW 3191 2012
 - DEGREE OF PROTECTION IP40 TO ISO 20653 WITH MOLEX MATING CONNECTOR
 - PACKAGING SPECIFICATION PER MOLEX DRAWING
 - DESIGN - MATERIALS:
 - HOUSING: SPS 30% GF
 - BLADE TERMINALS:
 - 0.5MM BLADES
BASE MATERIAL: COPPER ALLOY
UNDERPLATE: OVERALL NICKEL
OVERPLATE: OVERALL TIN
 - 1.2MM BLADES
BASE MATERIAL: COPPER ALLOY
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 2005010270
 - 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-160029-002
 - MATING HARNESS CONNECTORS MOLEX PN:
1600290011 (KEY 1)
1600290012 (KEY 2)
1600290013 (KEY 3)
1600290014 (KEY 4)
 - DESIGN - MANUFACTURING:
 - VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (CLASS B)
 - REFLOW SOLDERABILITY PER SMES-152



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

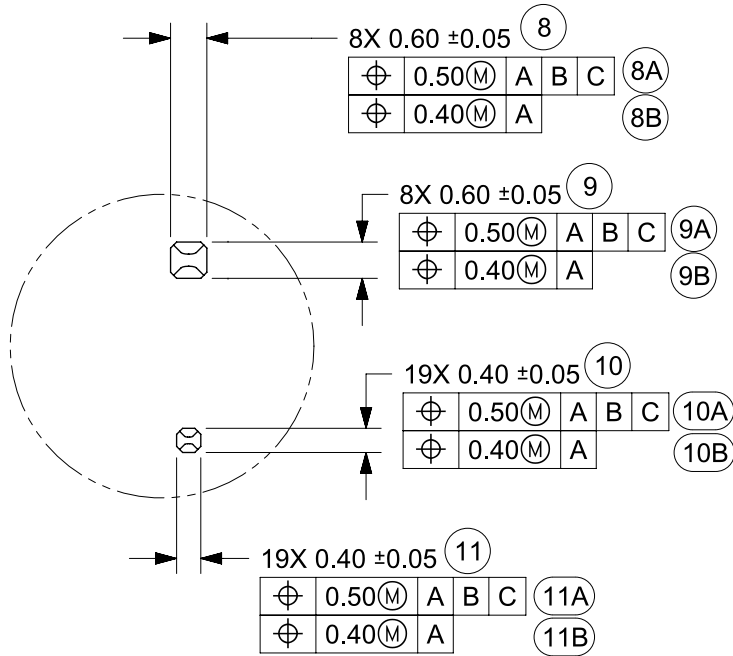
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
FUNCTIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE							
$\frac{F}{A} = 0$		MM		2:1		molex STAK50H MOD HDR 27 VERT SOLDER							
$\frac{F}{E} = 0$		GENERAL TOLERANCES (UNLESS SPECIFIED)											
$\frac{F}{P} = 0$		ANGULAR TOL ± °											
DIVISIONAL SYMBOLS		4 PLACES		±		STATUS: Production DRWN: Yann Chen CHK'D: Nick Wang APPR: Ringo Hu 2025-03-05 2025-03-07 2025-03-07							
		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		200501		SEE TABLE				1 OF 2	
						DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						2005011270SD		PSD		000		D2	

RECOMMENDED MODULE OPENING
TO PASS ISO 20653 IP40



PCB LAYOUT
FOR REFERENCE

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



DETAIL A
SCALE 8:1

D2	NOTES 1.B AND 2.B UPDATED
D1	TITLE BLOCK UPDATE
D	UPDATED THE PACKAGING DETAILS
C1	ADDED PCB HOLE DIMENSIONAL & POSITIONAL TOLERANCE 10-JUNE-2020 YPENG47 ECN:639277
REVISION	DESCRIPTION

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
FUNCTIONAL SYMBOLS = 0 = 0 = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC: SEE REVISION TABLE		molex				
	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		SHEET NUMBER
			B-SIZE	200501	SEE TABLE				2 OF 2
STATUS: Production					PRODUCT CUSTOMER DRAWING				
DRWN: Yann Chen 2025-03-05					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
CHK'D: Nick Wang 2025-03-07					2005011270SD		PSD	000	D2
APPR: Ringo Hu 2025-03-07									

molex

STAK50H MOD HDR 27 VERT SOLDER

PRODUCT CUSTOMER DRAWING

DOC TYPE	DOC PART	REVISION
PSD	000	D2