

KEY 1
PART NO. 2005010281

SEE NOTE 3g

PART NUMBER TUBE PACKAGING 2005058100	PART NUMBER TRAY PACKAGING 2005053013-PK	KEY	COLOR	TERMINAL QUANTITIES	
				0.5mm	1.2mm
2005010281	2005011281	1	DARK GRAY	21	7
2005010282	2005011282	2	GREEN		
2005010283	2005011283	3	GRAY		
2005010284	2005011284	4	BLACK		

FOUR (4) KEYS AVAILABLE
SEE INTERFACE DRAWING
SD-160014-002 FOR DEFINITION

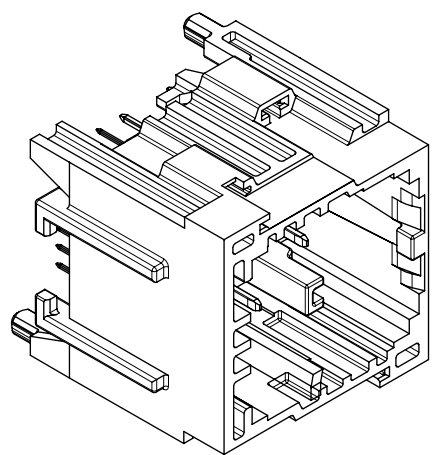
NOTES: VALID UNLESS OTHERWISE SPECIFIED

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 2005010280
 - 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-160014-002
 - h. MATING HARNESS CONNECTORS MOLEX PN:
 - 1600140011 (KEY 1)
 - 1600140012 (KEY 2)
 - 1600140013 (KEY 3)
 - 1600140014 (KEY 4)

4. DESIGN - MANUFACTURING:
- a. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (CLASS B)
 - b. REFLOW SOLDERABILITY PER SMES-152

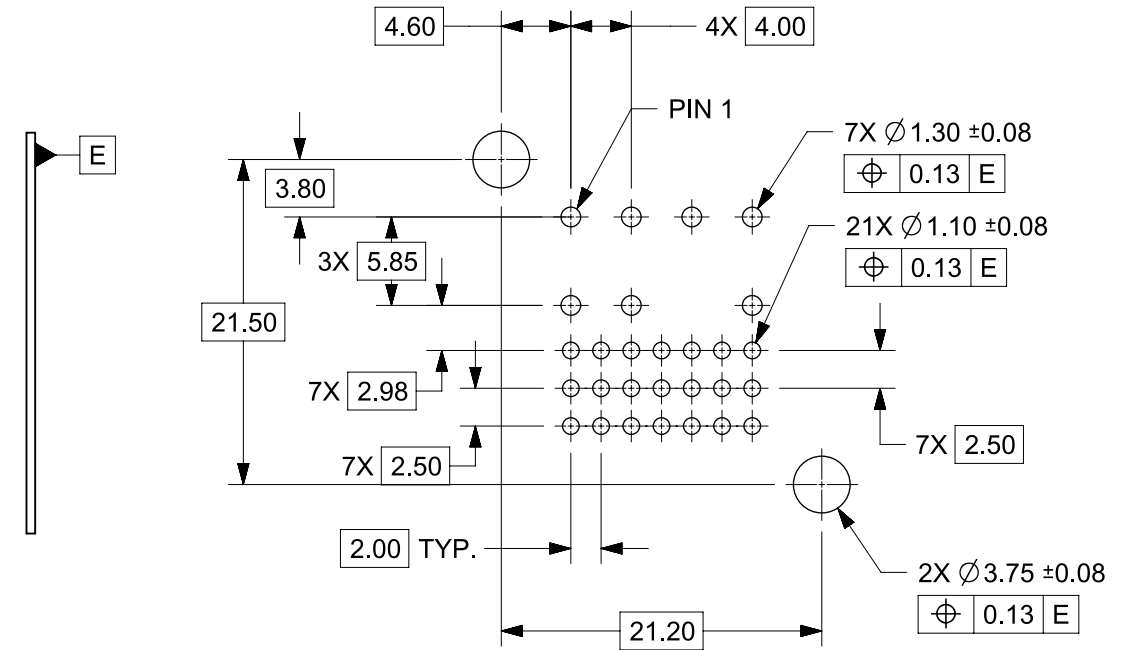
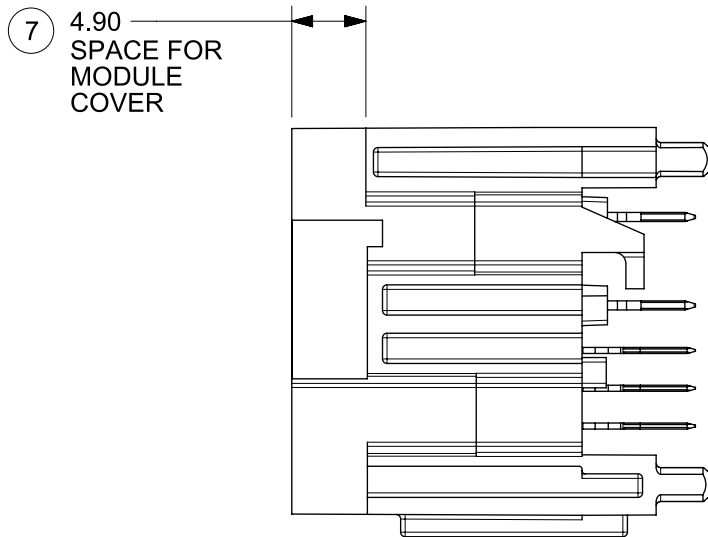
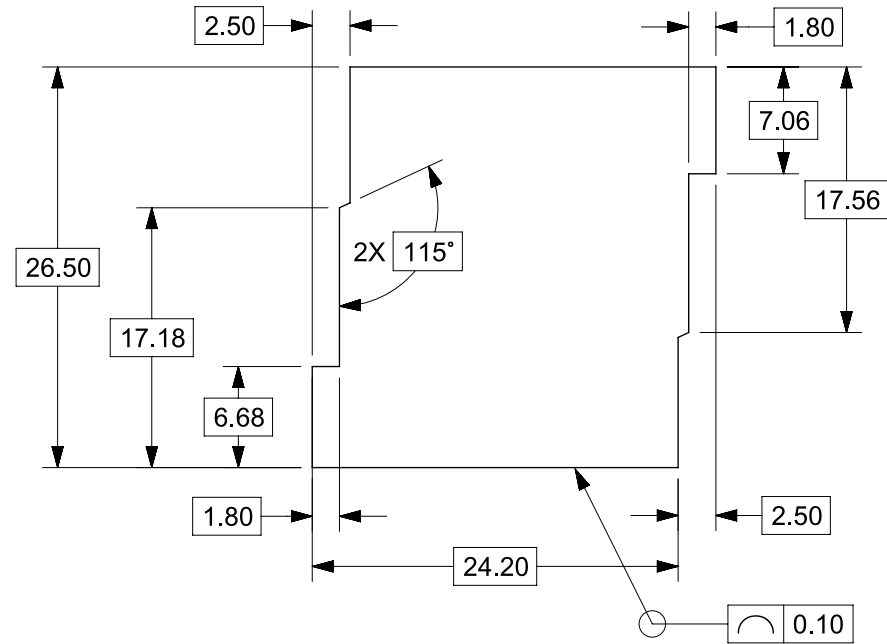


SEE SHEET 2	
REVISION	DESCRIPTION

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

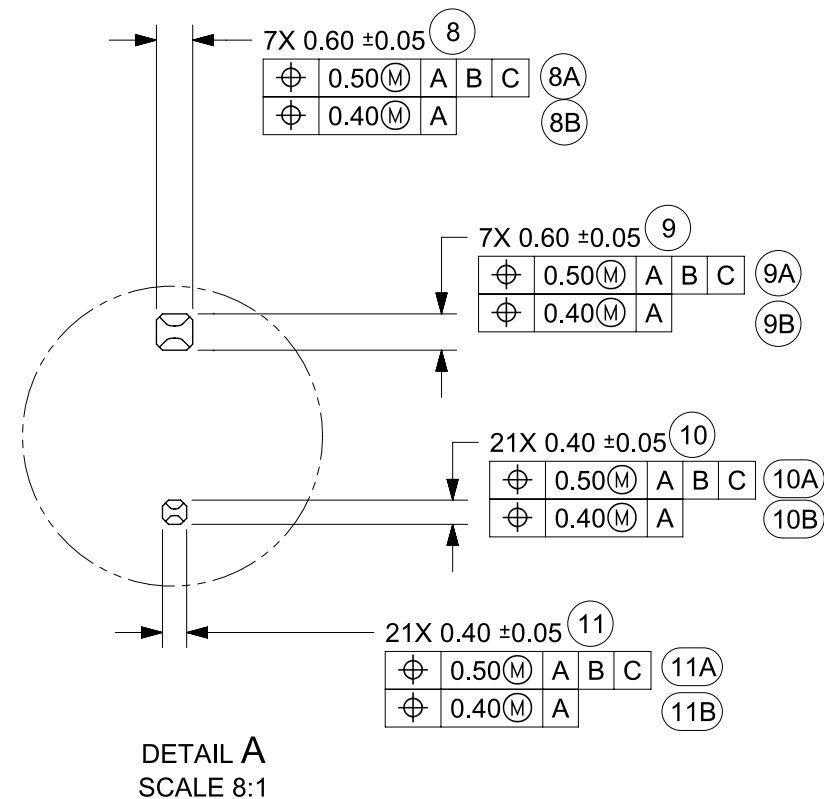
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
FUNCTIONAL SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC: SEE REVISION TABLE							
$\nabla = 0$	MM	2:1	<div style="text-align: center; font-size: 24pt; font-weight: bold;">moLEX</div> STAK50H MOD HDR 28 VERTICAL SINGLE ASM							
$\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)									
$\nabla = 0$	ANGULAR TOL ±									
	4 PLACES ±									
DIVISIONAL SYMBOLS	3 PLACES ±		STATUS: Production DRWN: Yann Chen CHK'D: Nick Wang APPR: Ringo Hu							
	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	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
		B-SIZE	200501	SEE TABLE		2005011280SD	PSD	000	D2	
										SHEET NUMBER
										1 OF 2

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



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

FUNCTIONAL 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									
$\sqrt{A} = 0$	MM	1:1	STATUS: Production DRWN: Yann Chen CHK'D: Nick Wang APPR: Ringo Hu 2025-03-05 2025-03-07 2025-03-07				PRODUCT CUSTOMER DRAWING				
$\sqrt{E} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)										DOCUMENT NUMBER
$\sqrt{E} = 0$	ANGULAR TOL ±						2005011280SD		PSD	000	D2
$\sqrt{E} = 0$	4 PLACES ±						MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
DIVISIONAL SYMBOLS	3 PLACES ±		SEE TABLE				2 OF 2				
	2 PLACES ± 0.130		DRAWING		SERIES						
	1 PLACE ± 0.25		B-SIZE		200501						
	0 PLACES ±		THIRD ANGLE PROJECTION								
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										