

PRODUCT NUMBER

10108831-YXX-XXLF

PLATING

1= 0.76µm GOLD/GXT ON CONTACT
AREA, 2µm TIN MIN ON TAILS

8= 0.38µm GOLD/GXT ON CONTACT
AREA, 2µm TIN MIN ON TAILS

4= 2.0µm TIN MIN FULL PLATED

1.27µm NICKEL MIN UNDERLAYER FOR
ALL PLATING VERSIONS

RoHS COMPATIBLE, SEE NOTE 8

NUMBER OF CONTACTS LOADED, 02 TO 36

PACKAGING, NOTE 3

PIN STYLE, SEE TABLE

PIN	STYLE	"A"±0.2	"B"±0.3
01		6.75	2.90
02		7.75	3.05
03		7.80	3.30
04		3.80	2.30

NOTES:

1. HOUSING MAT'L : HIGH TEMPERATURE
THERMOPLASTIC. UL94V-0 COLOR: BLACK

2. PIN MATERIAL : PHOSPHOR BRONZE

3. PACKAGING:

AV = TAPE & REEL WITH PICK-UP CAP FOR
CUSTOMER DEDICATED PART, SEE SHEET 2.

V = BLIBOX PACK FOR CUSTOMER DEDICATED PART

TV = TUBE 540MM FOR CUSTOMER DEDICATED PART

BV = TUBE 540MM WITH PICK-UP CAP FOR
CUSTOMER DEDICATED PART

4. 9N MIN RETENTION IN EITHER DIRECTION

5. ONLY APPLICABLE FOR 03 POS AND 04 POS LOADED

6. N = NUMBER OF CONTACT ON ONE ROW

EXAMPLE: 03 GIVES 3x2.54= 7.62MM

7. FOR PIN IN PASTE SOLDERING APPLICATION :

FINISHED PLATED HOLE Ø1.02-Ø1.06

LAND Ø1.45 MAX

8. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE,
2µm MINIMUM MATTE TIN OVER 1.27µm
MINIMUM NICKEL UNDERPLATE.

b - MANUFACTURING PROCESS COMPATIBILITY

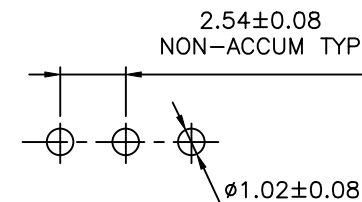
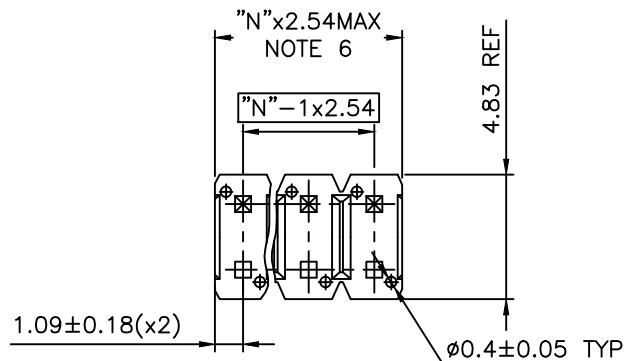
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C ±5°C
SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE
SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD

- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK
TEMPERATURE FOR 30 SECONDES IN A CONVECTION,
INFRA-RED OR VAPOR PHASE REFLOW OVEN.

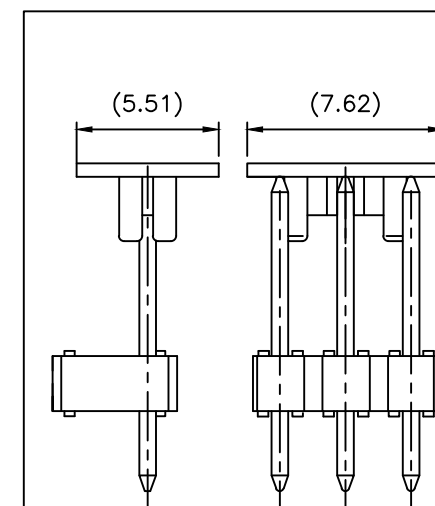
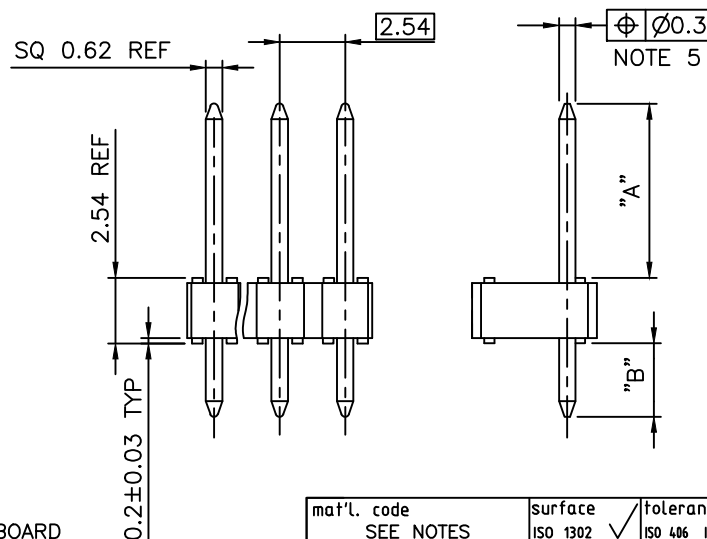
c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-47-0004



RECOMMENDED HOLE PATTERN
SEE NOTE 7



VIEW WITH PICK-UP CAP

mat'l. code SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK							
ltr		ecn no		dr		date		tolerances unless otherwise specified		title		UNSHR.HEADER STR DR TMT					
H		B-19720		BVE		14.12.11		angles linear		.X ±0.3							
J		F-22169		AMA		15.10.14				.XX ±0.15							
								.XXX ±0.05									
										scale 5:1							
												dwg no		sheet 1 of 2		size	
E		F10-0212		LMU		10.09.15		engr				JCO		10108831		A3	
F		F12-0025		JCO		12.03.07		chr				JCO					
G		F12-0034		LMU		12.05.10		appd				JCO					
sheet		revision		J		B											
index		sheet		1		2											



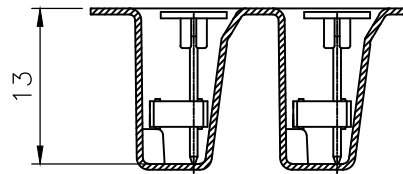
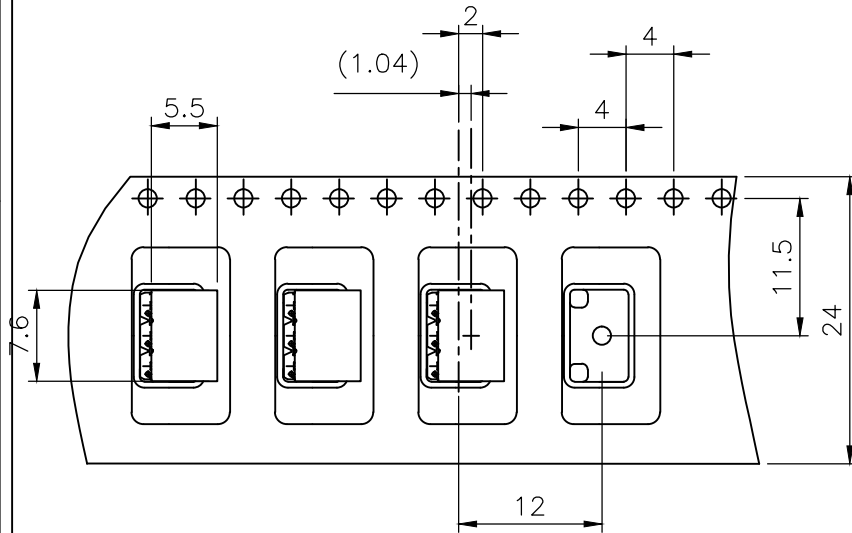
dwg no 10108831 sheet 1 of 2 size A3
type CUSTOMER Drawing



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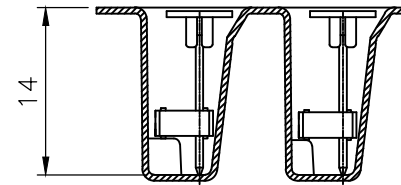
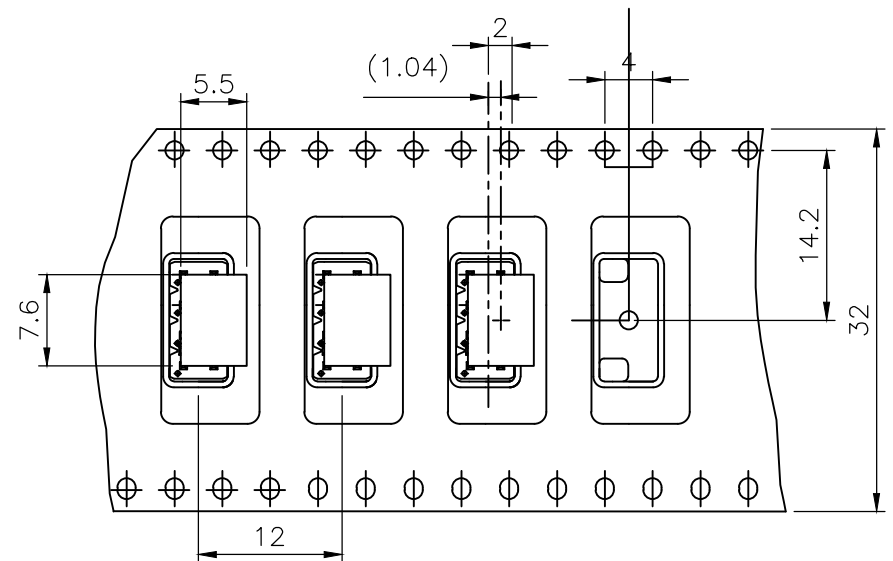
10108831-401AV03LF



SECTION

DIRECTION OF UNREELING

10108831-402AV04LF



SECTION

DIRECTION OF UNREELING

mat'l. code				surface ISO 1302 ✓ ISO 406 ISO 1101			projection mm		product family BERGSTIK			
ltr ecn no dr date				tolerances unless otherwise specified			mm		title			
A F10-0018 JCO 10.03.12				angles			linear		UNSHR.HEADER			
B F10-0212 LMU 10.09.15							.XX ±0.15		STR DR TMT			
							.XXX ±0.05		scale 5:1			
				dr			JCO		10.02.22			
				enr			JCO		10.02.22			
				chr								
				appd								
sheet index		revision sheet										

form: A3