

PRODUCT NUMBER
87690-YXXRLF

- RoHS COMPATIBLE, SEE NOTE 6
- OPTION, NOTE 4.
- PIN STYLE, SHEET 2.

PLATING

- 1 = 0.76µm FULL GOLD/GXT, OVER 1.27µm Ni MIN
- 3 = 3.81µm FULL TIN/LEAD OVER 1.27µm Ni MIN.
WHEN "LF" IS REQUIRED, 2µm MATTE TIN OVER
1.27µm MIN NICKEL IS PROVIDED INSTEAD OF TIN-LEAD
- 7 = FULL GOLD FLASH, OVER 1.27µm Ni MIN
- 8 = 0.38µm FULL GOLD/GXT, OVER 1.27µm Ni MIN

NOTES:

- HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK.
- PIN MATERIAL : PHOSPHOR BRONZE.
- 12N MIN RETENTION IN EITHER DIRECTION.
- FOR RETENTION FEATURE DETAILS, SEE SHEET 3. OMIT IF FEATURE NOT APPLICABLE
- STANDARD PACKAGING IN POLYBAGS.
- RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

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

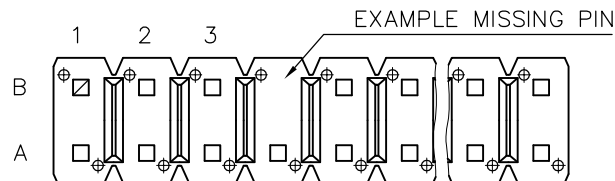
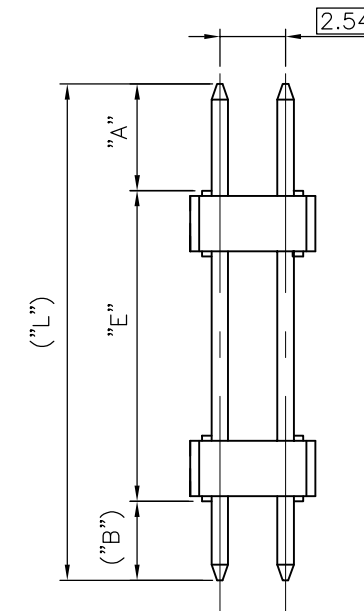
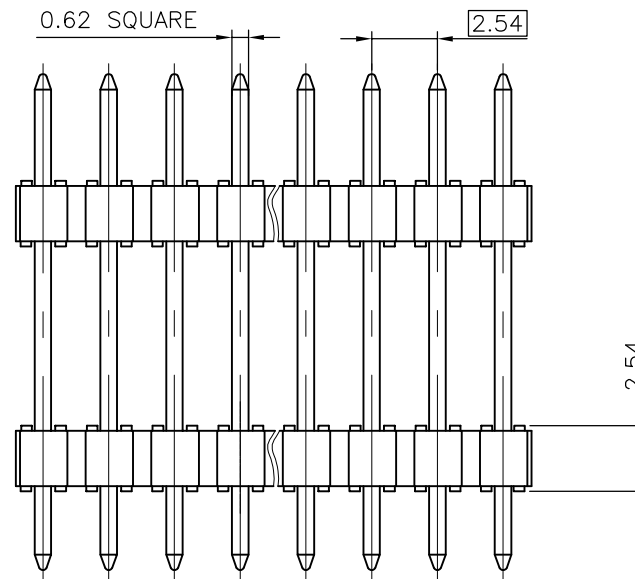
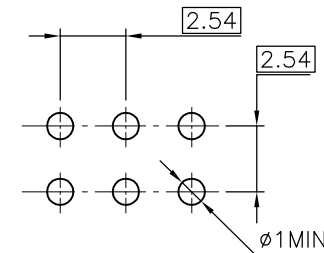
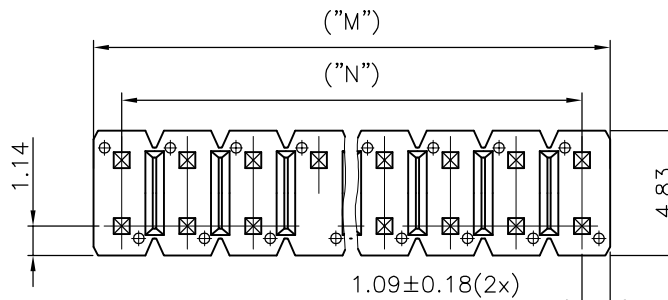
b - MANUFACTURING PROCESS COMPATIBILITY

- 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.

c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-47-0004



BOTTOM VIEW

mat'l. code				surface		tolerance		projection	product family		
SEE NOTES				ISO 1302	ISO 406	ISO 1101	ISO 1101		BSTIK		
ltr	ecr no	dr	date	tolerances unless otherwise specified				mm	title		
V	F12-0043	LMU	12.05.02	angles	linear	.x	±0.3		HEADER STR,DR		
W	B-19782	AMA	14.12.18			.xx	±0.15				
X	B-21151	AMA	15.06.15			xxx	±0.05				
Y	F-22417	JJU	15.11.05	dr	O. MATHEVON	96.06.07		scale 5:1	DOUBLE BODY POL		
AA	F23090	JCO	16.01.20	engr	COMPAGNON	J 96.06.07					
				chr	JMC	96.06.07		FCI	dwg no		
U	F06-0196	LMU	06.06.20	appd	JMC	96.06.07					
sheet	revision	AA	W	G					87690		
index	sheet	1	2	3							
									sheet 1 of 3		
									size		
									A3		
									type		
									CUSTOMER Drawing		

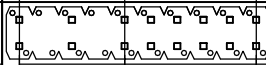
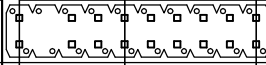
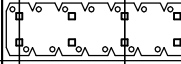
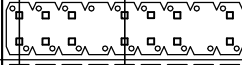
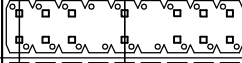
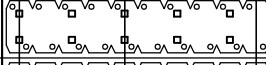
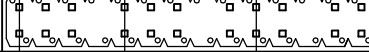
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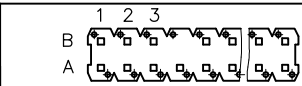
2 3

4

5

6

PRODUCT NUMBER	PRODUCT DIMENSIONS							VIEW OF MISSING PINS POSITION FROM BOTTOM VIEW							
	NBR POS	"A" ±0.2	"E" ±0.25	"B" ±0.25	("L") REF	("M") REF	("N") REF	1	5	10	15	20	25	30	35
87690—X07	2x10	11.96	18.5	3.2	33.66	25.4	22.86								
87690—X10	2x10	11.96	18.5	3.2	33.66	25.4	22.86								
87690—X15	2x07	11.96	18.5	3.2	33.66	17.78	15.24								
87690—X18	2x09	4.95	6.00	4.95	15.90	22.86	20.82								
87690—X19	2x09	8.60	6.00	8.60	23.20	22.86	20.82								
87690—X20	2x10	6.00	14.70	3.30	24.00	25.4	22.86								
87690—X21	2x19	6.00	14.70	3.30	24.00	48.26	45.72								
87690—X22	2x13	10.50	7.75	10.50	28.80	33.02	30.48								
87690—X23	2x14	8.60	6.00	8.60	23.20	35.56	33.02								
87690—X24	2x14	8.95	6.00	8.95	23.9	35.56	33.02								



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mat'l. code				surface ☒ ISO 1302		tolerance ☒ ISO 406 ☐ ISO 1101		projection 		product family BSTIK					
ltr		ecn no		dr		date		tolerances unless otherwise specified				title			
V		F-22417		JJU		15.11.05		angles		linear		mm		HEADER STR,DR	
W		F-23090		JCO		16.01.20						scaleN/A		DOUBLE BODY POL	
R		F06-0196		LMU		06.06.20		dr		O. MATHEVON		96.06.07		dwg no	
S		F12-0043		LMU		12.05.02		enrg		JMC		96.06.07		sheet 2 of -	
T		B-19776		AMA		14.12.18		chr		JMC		96.06.07		size	
U		B-21151		AMA		15.06.15		appd		JMC		96.06.07		A3	
sheet		revision												type	
index		sheet												CUSTOMER Drawing	



1

2

3

4

5

6

A

B

C

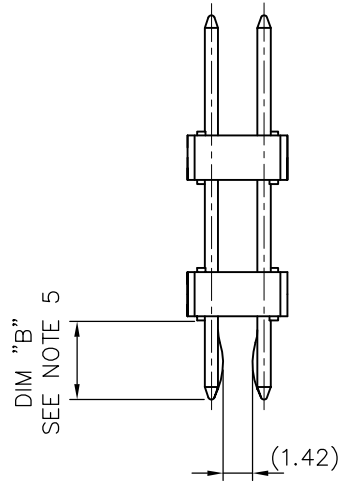
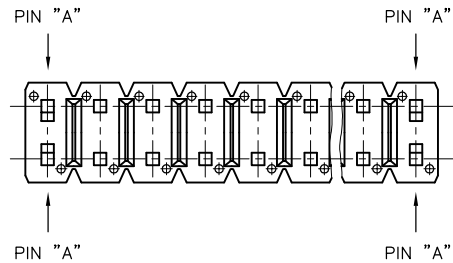
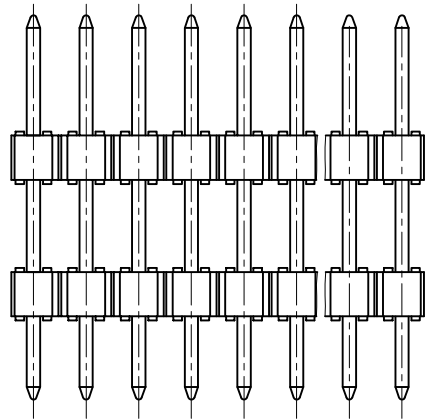
D

A

B

C

D



NOTES:

- 1 - PART NUMBER 87690-YYY
- 2 - PINS "A" USED FOR RETENTION.
- 3 - DIRECTION OF RETENTION SHOWN BY ARROWS.
- 4 - KINKED LEGS LOCATION CAN BE MOVED IF A PIN IS MISSING.
- 5 - RETENTION VERSION ONLY AVAILABLE WHEN DIM "B" IS BETWEEN 2.9 mm AND 3.5 mm.
- 6 - 2 AND 3 POSN KINKED HEADER ARE NOT AVAILABLE.

"R" INDICATES A RETENTION HEADER.

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified					title				
A	F60421	OMA	96.06.07	angles		linear	HEADER STR,DR						
B	70102	JMC	97.01.10				DOUBLE BODY POL						
C	F70179	JMC	97.03.28				scaleN/A						
D	F70815	OMA	97.12.23	dr	O. MATHEVON		96.06.07		dwg no		sheet 3 of –	size	
E	F80321	JMC	98.05.04	enr	JMC		96.06.07		87690		A3		
F	F05–0291	JCO	05.11.14	chr	JMC		96.06.07		type		CUSTOMER	Drawing	
G	F06–0196	LMU	06.06.20	appd	JMC		96.06.07						
sheet index		revision sheet											