

PRODUCT NUMBER
87690-YXXRLF

RoHS COMPATIBLE, SEE NOTE 6

OPTION, NOTE 4.

PIN STYLE, SHEET 2.

PLATING

1 = 0.76 μ m FULL GOLD/GXT, OVER 1.27 μ m Ni MIN

3 = 3.81 μ m FULL TIN/LEAD OVER 1.27 μ m Ni MIN.
WHEN "LF" IS REQUIRED, 2 μ m MATTE TIN OVER
1.27 μ m MIN NICKEL IS PROVIDED INSTEAD OF TIN-LEAD

7 = FULL GOLD FLASH, OVER 1.27 μ m Ni MIN

8 = 0.38 μ m FULL GOLD/GXT, OVER 1.27 μ m Ni MIN

NOTES:

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

a - PLATING:

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

b - MANUFACTURING PROCESS COMPATIBILITY

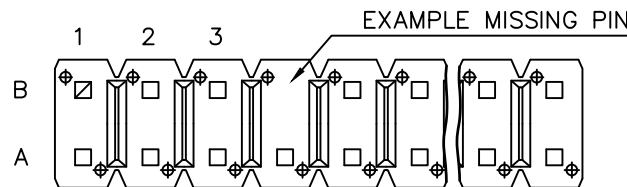
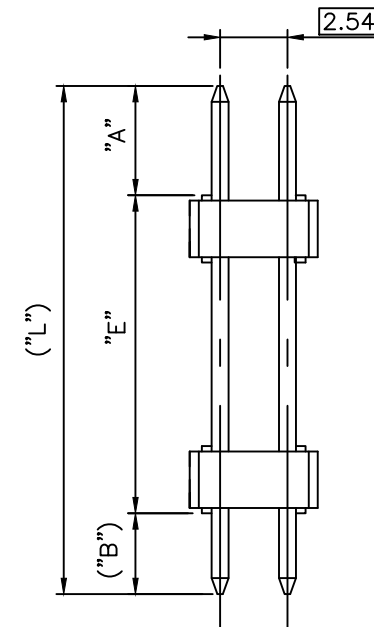
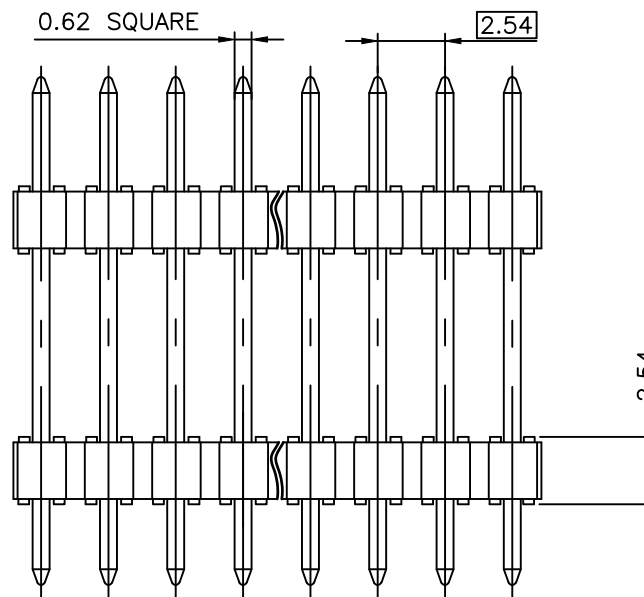
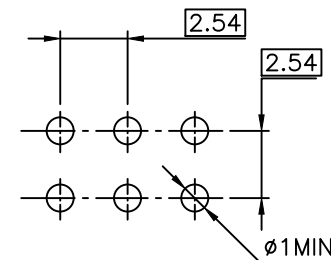
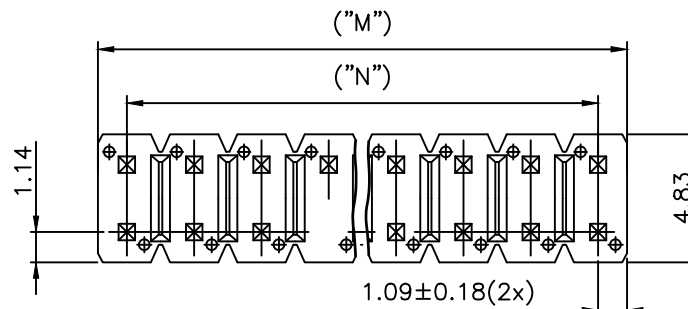
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C $\pm$ 5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.

c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-47-0004

7. FOR 87690-125LF : 0.76 μ m GXT IN ZONE "A"
2 μ m MIN MATTE TIN IN ZONE "B"

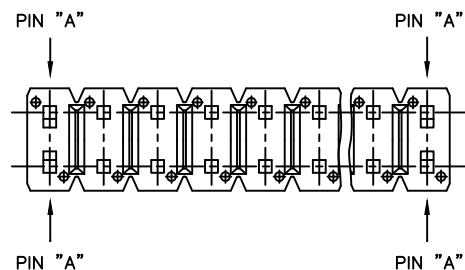
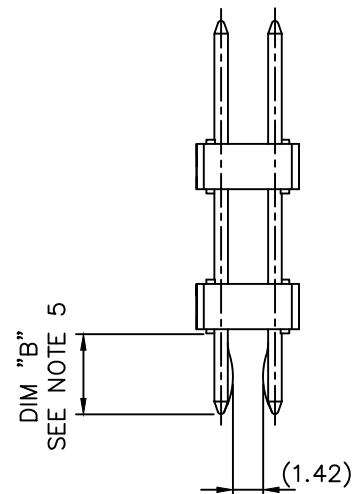
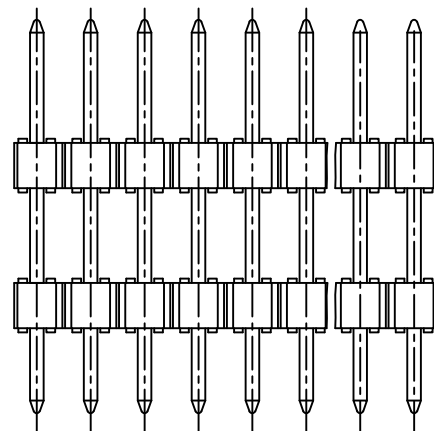


BOTTOM VIEW

mat'l. code				surface			tolerance		projection	product family		
SEE NOTES				ISO 1302	ISO 406	ISO 1101	ISO 406	ISO 1101		BSTIK		
ltr	ecn	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	scale 5:1	DOUBLE BODY POL		
X	B-21151	AMA		15.06.15			xxx	± 0.05		dwg no		
Y	F-22417	JJU		15.11.05	dr	O. MATHEVON		96.06.07	FCJ	sheet 1 of 3		
AA	F23090	JCO		16.01.20	engr	COMPAGNON		96.06.07		size		
AB	F-31897	LMU		18.11.19	chr	JMC		96.06.07		87690		
					appd	JMC		96.06.07		A3		
sheet index				revision	AB	X	G			type		
				sheet	1	2	3			CUSTOMER Drawing		

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								
87690-X25	2x11	3.02	5.08	2.80	12.90	27.94	25.40								

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 HEADER STR,DR DOUBLE BODY POL			
V	F-22417	JJU	15.11.05	angles	linear								
W	F-23090	JCO	16.01.20										
X	F-31897	LMU	18.11.19					scale N/A					
				dr	O. MATHEVON		96.06.07			dwg no		sheet 2 of -	size
S	F12-0043	LMU	12.05.02	engr	JMC		96.06.07			87690			A3
T	B-19776	AMA	14.12.18	chr	JMC		96.06.07						
U	B-21151	AMA	15.06.15	appd	JMC		96.06.07						
sheet index	revision sheet									type	CUSTOMER	Drawing	



NOTES:

- 1 - PART NUMBER 87690-YXX
- 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 HEADER STR,DR DOUBLE BODY POL					
A	F60421	OMA	96.06.07	angles	linear			scale N/A							
B	70102	JMC	97.01.10												
C	F70179	JMC	97.03.28												
D	F70815	OMA	97.12.23	dr	O. MATHEVON	96.06.07				dwg no		sheet 3 of -	size		
E	F80321	JMC	98.05.04	engr	JMC	96.06.07				87690		A3			
F	F05-029	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														



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