

PRODUCT NUMBER

77709-YXXLF

RoHS COMPLIANT & COMPATIBLE, SEE NOTE 8

PIN STYLE, SEE TABLE SHEET 2
(AS AVAILABLE)

PLATING:
(AS AVAILABLE)

1 = 0.76µm FULL GOLD/GXT

3 = 2.0µm MIN MATTE TIN FULL PLATED

7 = 0.13µm FULL GOLD - ONLY AVAILABLE UPON REQUEST

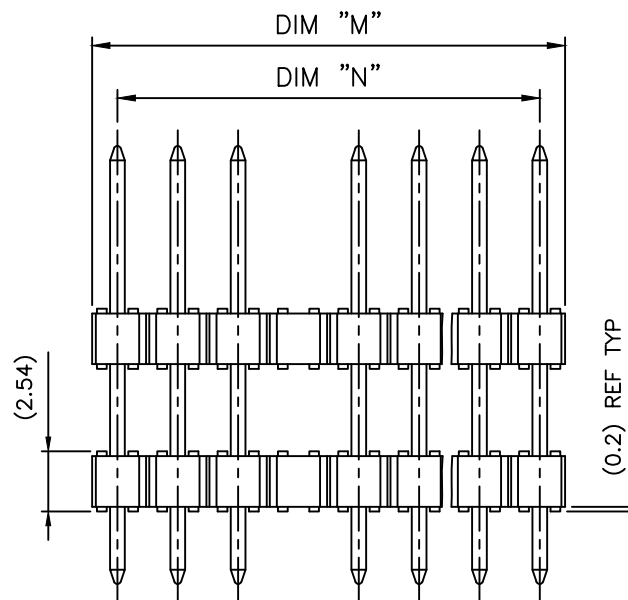
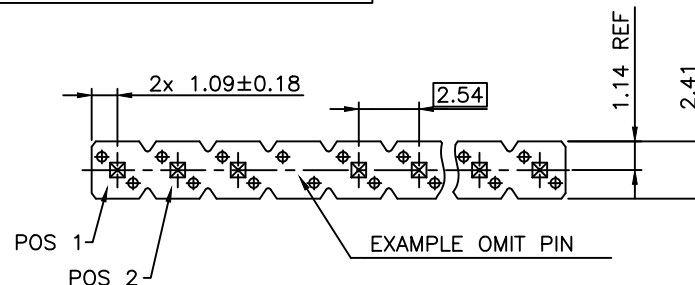
8 = 0.38µm FULL GOLD/GXT - ONLY AVAILABLE UPON REQUEST

G = 0.76µm GOLD/GXT ON CONTACT AREA, 2µm MIN MATTE TIN ON TAIL

1.27µm NICKEL MIN UNDERLAYER FOR ALL PLATING VERSIONS

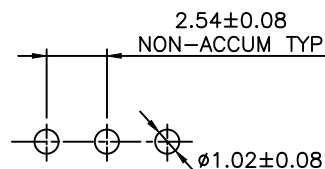
EXTENDED RANGE

- TOOLING FEASIBILITY CONFIRMED
- SAMPLES ON DEMAND
- AVAILABILITY ON DEMAND



NOTES:

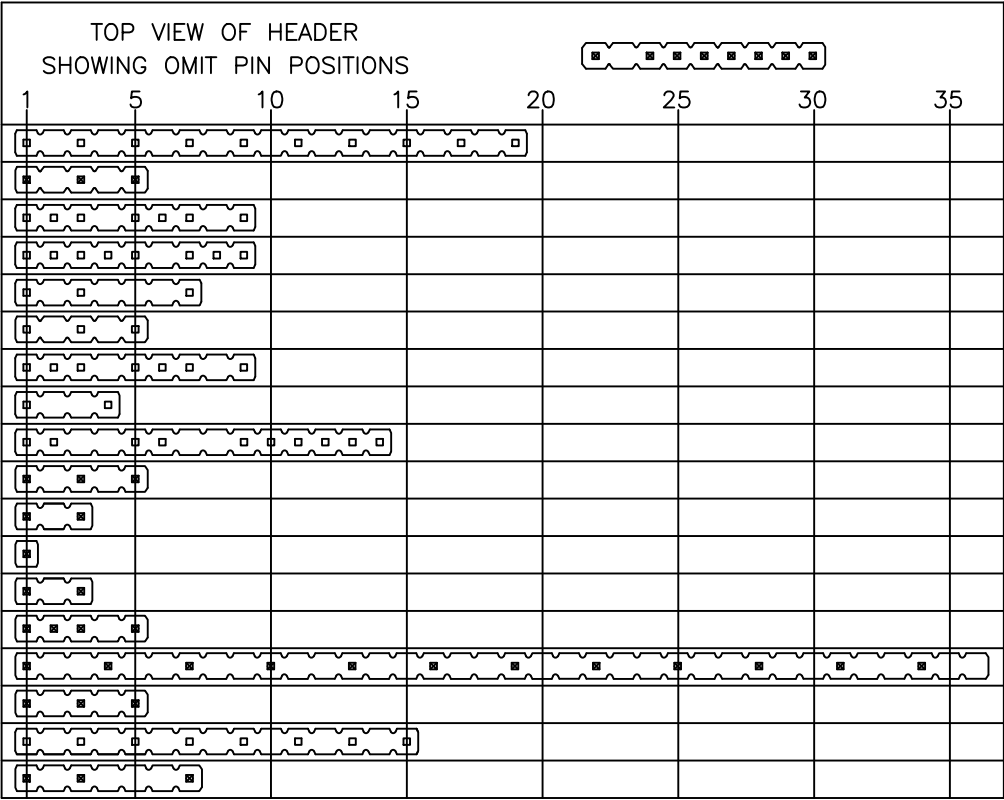
- HOUSING MATERIAL: HIGH TEMPERATURE THERMOPLASTIC FLAME RETARDANT PER UL94-V0, COLOR BLACK
- PIN MATERIAL: PHOSPHOR BRONZE
- STANDARD PACKAGING IN POLYBAG
- RoHS COMPATIBLE PRODUCT SPECIFICATIONS
 - SUFFIX "LF" IS ADDED JUST FOR EASY
 - MANUFACTURING PROCESS COMPATIBILITY
 - THE HOUSING WILL WITHSTAND 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.
 - LABELING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - LEGAL STATEMENT: SEE GS-47-0004
- THIS PART SERIES IS NOT INITIALLY INTENDED FOR AUTOMOTIVE APPLICATIONS. ADDITIONAL FEES ARE CHARGEABLE FOR ANY ADDITIONAL QUALIFICATION AND TEST REPORTS PERFORMED OUTSIDE THE SCOPE OF THE STANDARD PRODUCT SPECIFICATIONS.
- UNLESS OTHERWISE APPROVED BY AMPHENOL, ALL PARTS AND COMPONENTS ARE DESIGNED & BUILT ACCORDING TO AMPHENOL'S SPECIFICATIONS WHICH ARE SUBJECT TO CHANGE WITHOUT NOTICE.



RECOMMENDED HOLE PATTERN

mat'l. code				surface	tolerance	projection	product family		
				ISO 1302	ISO 406 ISO 1101		BERGSTIK		
ltr	ecn no	dr	date	tolerances unless otherwise specified			title		
AE	F-55238	DDE	25.05.02	angles	linear		HEADER SR,STR		
AF	F-56535	DDE	25.07.16				DOUBLE BODY POL		
							scale 1:1		
AA	F-26438	LMU	17.03.22	dr	O.MATHEVON	96.04.01	dwg no		
AB	F-28033	DDE	17.09.25	engr	J.COMPAGNON	96.04.01	sheet 1 of 2		
AC	F-31692	LMU	18.10.22	chr	J.COMPAGNON	96.04.01	77709		
AD	F-47134	DDE	23.01.30	appd	J.COMPAGNON	96.04.01	A3		
sheet	revision	AF	AC				type		
index	sheet	1	2				CUSTOMER Drawing		

PIN STYLE	NB OF POS	PRODUCT DEFINITION					
		"A" ±0.2	"E" ±0.25	"B" ±0.25	("L") REF	("M") REF	("N") REF
21	1x 19	3.00	20.30	2.75	26.04	48.26	45.72
22	1x 05	4.95	6.00	4.95	15.90	12.70	10.16
23	1x 09	4.95	6.00	4.95	15.90	22.86	20.32
24	1x 09	3.10	11.45	3.10	17.65	22.86	20.32
25	1x 07	3.10	11.45	3.10	17.65	17.78	15.24
26	1x 05	8.60	6.00	8.60	23.20	12.70	10.16
27	1x 09	8.60	6.00	8.60	23.20	22.86	20.32
28	1x 04	15.20	12.00	3.60	30.80	10.16	7.62
29	1x 14	15.20	12.00	3.60	30.80	35.56	33.02
30	1x 05	3.00	13.00	3.00	19.00	12.70	10.16
31	1x 03	3.05	6.50	3.05	12.60	7.62	5.08
32	1x 01	3.05	6.50	3.05	12.60	2.54	N/A
33	1x 03	3.05	5.08	3.05	11.18	7.62	5.08
34	1x 05	7.36	11.43	2.29	21.08	12.70	10.16
35	1x 36	8.07	20.00	3.05	31.12	91.44	88.90
36	1x 05	2.75	15.50	2.75	21.00	12.70	10.16
37	1x 15	2.80	59.40	2.80	65.00	38.10	35.56
38	1x 07	5.91	12.00	2.45	20.36	17.78	15.24



mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family BERGSTIK		
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title HEADER SR,STR DOUBLE BODY POL		
X	F-26438	LMU	17.03.22	angles	linear				
Y	F-28033	DDE	17.09.25				dwg no 77709		
AA	F-31692	LMU	18.10.22			scale 1:1			
AB	F-47134	DDE	21.01.30	dr	O.MATHEVON	96.04.01	type CUSTOMER		
AC	F-55238	DDE	25.04.02	engr	J.COMPAGNON	96.04.01			
				chr	J.COMPAGNON	96.04.01	Drawing		
W	F-24446	AMA	16.07.05	appd	J.COMPAGNON	96.04.01			
sheet	revision						index		
index	sheet								