

PLATING

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

4 = 2µm TIN MIN FULL PLATED

5 = 0.25µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAIL

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

G = 0.76µm FULL GXT

S = 0.38µm FULL GXT

T = 2µm TIN MIN FULL PLATED INCLUDED PIN TYP

- 1.27µm NICKEL MIN UNDERLAYER FOR ALL PLATING VERSIONS

RETENTION FEATURES :

1 - PART NUMBER 77311-XXXXXXLF: DIM "Z"=(0.99)
PART NUMBER 77311-XXXXCXXLF: DIM "Z"= 1.05MIN -1.15MAX

2 - PINS "A" AND "B" USED FOR RETENTION.

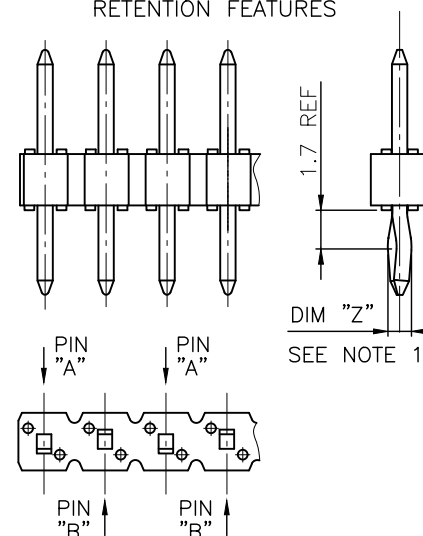
3 - DIRECTION OF RETENTION SHOWN BY ARROWS.

4 - ON 4 TO 36 POSITIONS HEADER; RETENTION IS IN
MID POSITION OF HEADER (4 CENTRAL PINS)5 - FOR RETENTION OPTION , SOLDER TAIL LENGTH TO BE
2.9 MIN UP TO 3.5 MAX.6 - HOUSING MATERIAL FOR P/N 77311-4AJC03LF & 77311-TAJC03LF
HIGH TEMPERATURE THERMOPLASTIC UL94V-0 COLOR : NATURAL

PLATING SPECIFICATIONS :

7 - ONLY FOR PLATING 1XX, 8.0MM GOLD / GXT PLATING AREA
FROM PIN TYPE ON MATING SIDE

RETENTION FEATURES



mat'l. code				surface ☒ ISO 1302 ☐ ISO 406 ☐ ISO 1101			projection		product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified				mm	title UNSHR.HEADER STR SR TMT			
BU	B-20596	AMA	15.03.30	angles	linear							
BV	F-22085	LMU	15.10.05						scale N/A			
BW	F-22100	AMA	15.10.08									
BX	F-26241	LMU	17.03.01	dr	D.LE	01.01.24			dwg no		sheet 2 of 3	size
				engr	JM.C	01.01.24			77311			A3
BS	B-20169	BVE	15.02.12	chr	JM.C	01.01.24			type		CUSTOMER Drawing	
BT	B-20497	BVE	15.03.18	appd	JF.N	01.01.24						
sheet index	revision sheet											

PRODUCTS SPECIFICATIONS				
PIN	STYLE	MATING	SOLDER	OAL
01		5.84	2.41	10.8
02		5.84	3.42	11.8
03		5.72	5.09	13.35
05		5.72	10.14	18.4
08		5.72	17.78	26.04
15		8.51	2.55	13.6
18		5.84	3.05	11.43
19		12.83	3.03	18.4
20		15.37	3.04	20.95
22		7.75	3.05	13.35
24		6.75	2.9	12.2
25		8.51	3.18	14.22
27		6.6	2.65	11.8
26		15.57	2.84	20.95
29		17.5	3.46	23.5
32		10.3	3.05	15.9
38		5.84	3.82	12.2
39		11.2	3.05	16.8
46		8.08	2.98	13.6
54		8.08	3.81	14.43
58		14.47	3.05	20.06
62		13.5	3.05	19.09
70		6.54	3.50	12.57
83		20.46	3.00	26.00
85		5.72	8.51	16.76
87		6.98	3.05	12.57
91		5.6	10.21	18.35
92		5.65	12.76	20.95
93		6.00	4.81	13.35
94		15.60	3.20	21.25
95		10.00	8.45	20.95
96		10.95	3.05	16.55
97		9.00	3.55	15.09
98		3.00	1.35	6.84
99		24.00	3.05	29.50
AA		5.72	15.24	23.50
AB		N/A		

NOTE 7

PRODUCTS SPECIFICATIONS				
PIN	STYLE	MATING	SOLDER	OAL
AC		7.21	3.05	12.80
AD		17.53	3.43	23.50
AE		4.99	2.80	10.33
AF		5.72	3.05	11.30
AG		5.84	4.95	13.33
AH		14.31	3.20	20.05
AJ		8.90	3.40	14.85
AK		25.06	3.00	30.80
AL		3.30	3.30	9.14
AM		9.26	3.05	14.85
AN		7.60	4.40	14.47
AP		7.80	3.30	13.60
AR		18.86	2.41	23.81
AS		11.91	1.45	15.90
AT		4.60	4.60	11.61
AU		12.10	3.10	17.70
AV		6.30	6.30	15.10
AW		9.16	1.80	13.50
AX		5.08	2.43	10.05
AY		7.49	3.47	13.50
BA		8.08	2.75	13.37
BB		10.80	2.15	15.50
BC		8.08	3.81	14.43
BD		10.10	2.16	14.80
BE		13.65	2.41	18.60
BF		2.54	5.32	10.40
BG		4.98	1.85	9.23
BH		4.69	2.41	9.50
BJ		7.21	6.15	15.90
BK		6.86	2.65	12.05
BL		17.70	3.25	23.50
BM		10.96	3.70	16.20
BN		19.46	3.00	25.00
BP		8.80	3.20	14.50
BR		19.46	4.00	26.00
BS		5.72	11.05	19.30

NOTE 6

mat'l. code				surface ISO 1302 ☒		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr		ecn no		dr		date		tolerances unless otherwise specified		title			
H		F-29484		DDE		18.03.08				UNSHR.HEADER STR SR TMT			
J		F-31328		LMU		18.09.20							
								scale N/A					
D		F-25890		LMU		17.01.11		dr		A.MA		15.10.08	
E		F-26241		LMU		17.03.01		enrg		L.MU		15.10.08	
F		F-28243		DDE		17.09.21		chr		J.CO		15.10.08	
G		F-28445		DDE		17.11.10		appd		A.SO		15.10.08	
sheet index		revision sheet											

Amphenol

FCI

dwg no

sheet 3 of 3

size

77311

A3

type

CUSTOMER

Drawing