

PRODUCT NUMBER
SEE TABLE

-Z-

DIM C

MATING LENGTH
DIM "M"

$\square$.025
0.64 REF

$\oplus \phi .015/0.38 \text{ (M)} \text{ X } \text{ (S)} \text{ Z } \text{ (S)}$ AT TIPS

$\square$.003/1

NOTE 5

TOTAL PIN LENGTH
DIM "P"
REF

.268
6.81
-X-

.755
19.18 REF

TAIL LENGTH
DIM "T"

.360 [9.14]

.103 [2.62] 2X

45°
2X

.020 [0.51] 2X

.310 [7.87] 2X

OVERALL LENGTH
DIM L REF

DIM D

DIM B

.410
10.41 2X

SECTION A-A

.124
3.15 REF

.174 [4.42] REF

$\square$.003/1

.050 [1.27]

.348
8.84

.100
2.54

.100
2.54 TYP

$\oplus \phi .015/0.38 \text{ (M)}$ AT TIPS

.250 [6.35]

.160 [4.06] REF

mat'l. code				surface		tolerance		projection		product family									
NOTE 2 AND 3				ISO 1302 ✓		ISO 406 ISO 1101				HEADERS									
ltr		ecn nodr		date		tolerances unless otherwise specified						title							
H		V22947		JWB		7/27/94		angles		lineal		.XX±.01/.3		INCH/MM		VERTICAL STACKING 2-ROW HEADER .755/19.18 WITH MOUNTING HOLES			
J		V50976		MDF		8/5/95				.XXX±.005/.13									
K		V71450		HTB		10/7/97		0'±2'		.XXXX±.0020/.051									
L		M05-0089		ERE		5/20/05		dr		M. FETROW		8/5/95		FCI		dwg no 67746		sheet of 4 size A3	
M		M07-0116		AGS		2/19/07		engr		L. FYE		8/5/95							
N		ELX-N-18436		Henry		07/31/14		chr		T. BREWBAKER		8/5/95							
								appd		L. FYE		8/5/95				scale 2:1			
sheet		revision		N		N		N		N		N				type Product Customer Drawing			
index		sheet		1		2		3		4									

PDS: Rev :N

STATUS: Released

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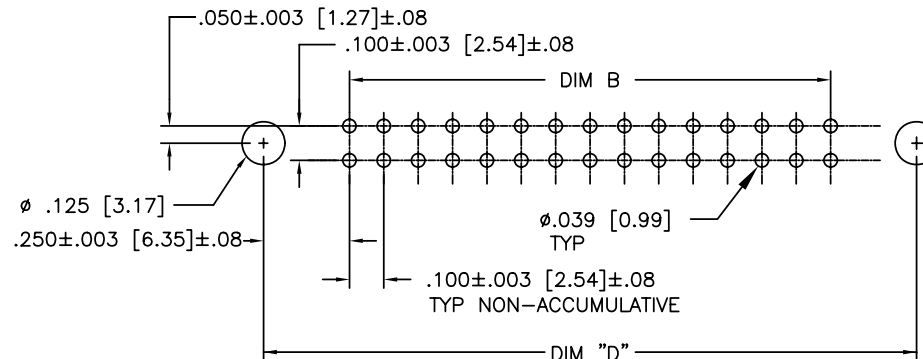
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POSITION TABLE "A"	
PRODUCT NO	SIZE
XXXXX-001	2X5
↑ -002	2X6
-003	2X7
-004	2X8
-005	2X9
-006	2X10
-007	2X11
-008	2X12
-009	2X13
-010	2X14
-011	2X15
-012	2X16
-013	2X17
-014	2X18
-015	2X19
-016	2X20
-017	2X21
-018	2X22
-019	2X23
-020	2X24
-021	2X25
-022	2X26
-023	2X27
-024	2X28
-025	2X29
-026	2X30
-027	2X31
-028	2X32
-029	2X33
-030	2X34
-031	2X35
XXXXX-032	2X36

POSITION TABLE "B"	
PRODUCT NO	SIZE
XXXXX-001	2X20
↑ -002	2X26
-003	2X5
-004	2X6
-005	2X7
-006	2X8
-007	2X9
-008	2X10
-009	2X11
-010	2X12
-011	2X13
-012	2X14
-013	2X15
-014	2X16
-015	2X17
-016	2X18
-017	2X19
-018	2X21
-019	2X22
-020	2X23
-021	2X24
-022	2X25
-023	2X27
-024	2X28
-025	2X29
-026	2X30
-027	2X31
-028	2X32
-029	2X33
-030	2X34
-031	2X35
XXXXX-032	2X36

PART NUMBER INFORMATION

XXXXX-XXX LF
→ LEAD FREE OPTION
→ SEE POSITION TABLE "A" OR "B"
FOR SIZES (SEE SHEET 4)
→ BASE PART NO.



RECOMMENDED PC BOARD LAYOUT

SCALE 2/1

NOTES

- DIM B =
(NO OF COLUMNS - 1) TIMES .100 (ENGLISH)
(NO OF COLUMNS - 1) TIMES 2.54 (METRIC)
- MOLDING MATERIAL: 20% MIN GLASS FILLED NYLON PER UL 94V-0.
COLOR: BLACK, OXYGEN INDEX 36.
- TERMINAL MATERIAL: 3/4 HARD PHOS BRONZE ALLOY UNS C51000.
- PIN RETENTION TO BE 3 LBS./1.4 KGS MINIMUM
PER PIN IN EITHER DIRECTION.
- BERG LOGO TO BE MOLDED IN APPROX LOCATION SHOWN.
- ASSEMBLY IS UL AND CSA APPROVED.
- ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm
MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES
IF THEY ARE AVAILABLE.
- IF "LF" P/N THE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

mat'l. code	surface	tolerance	projection	product family
NOTE 2 AND 3	ISO 1302 ✓	ISO 406 ISO 1101		HEADERS
ltr/ecn no/dt	date	tolerances unless otherwise specified		title
N		angles	.XX±.01/.3	VERTICAL STACKING 2-ROW HEADER
		linear	.XXX±.005/.13	.755/19.18 WITH MOUNTING HOLES
		0°±2'	.XXX±.0020/.051	scale 2:1
	dr	M. FETROW	8/5/95	dwg no
	engr	L. FYE	8/5/95	sheet 2 of 4
	chr	T. BREWBAKER	8/5/95	size
	appd	L. FYE	8/5/95	A3
sheet	revision			type Product Customer Drawing
index	sheet			

1

2 3

4

5

6

PRODUCT NO
NOTE 7

TERMINAL PLATING (NOTE 10)

67746-XXX

15u"/0.38u MIN Au OVER 50u"/1.27u Ni.

68582-XXX

30u"/0.76u MIN GXT™ OVER 50u"/1.27u Ni.

69208-XXX

120u"/3.05u MIN 93/7 SnPb OVER 50u"/1.27u Ni.

69210-XXX

15u"/0.38u MIN GXT™ OVER 50u"/1.27u MIN Ni.

A

69687-XXX

30u"/0.76u MIN Au OVER 50u"/1.27u Ni.

69962-XXX

DUPLEX { CONTACT: 15u"/0.38u MIN Au OVER 50u"/1.27u Ni.
TAIL: 100u"/2.54u MIN PURE Sn OVER 50u"/1.27u Ni.

69966-XXX

DUPLEX { CONTACT: 30u"/0.76u MIN Au OVER 50u"/1.27u Ni.
TAIL: 100u"/2.54u MIN PURE Sn OVER 50u"/1.27u Ni.

B

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C

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D

A

B

C

D

mat'l. code		surface		tolerance		projection		product family	
NOTE 2 AND 3		ISO 1302 ✓		ISO 406 ISO 1101				HEADERS	
ltr		ecn		nodr		date		title	
N								VERTICAL STACKING 2-ROW HEADER	
								.755/19.18 WITH MOUNTING HOLES	
								dwg no	
								sheet 3 of 4	
								size	
								A3	
								type	
								Product Customer Drawing	
sheet		revision							
index		sheet							

1

2

3

4

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6

PRODUCT NO NOTE 7	SIZE	DIM "B"	DIM "C"	DIM "D"	DIM "L"	TAIL LENGTH DIM "T"	MATING LENGTH DIM "M"	TOTAL PIN LENGTH DIM "P"
67746-XXX	SEE POS. TABLE "B"	NOTE 1	DIM "B" + .530/13.46	DIM "B" + .500/12.70	DIM "B" + .820/20.83	.103/2.62 MIN .130/3.30 MAX	.275±.010 6.98±0.25	.810/20.57
68582-XXX	SEE POS. TABLE "B"	NOTE 1	DIM "B" + .530/13.46	DIM "B" + .500/12.70	DIM "B" + .820/20.83	.103/2.62 MIN .130/3.30 MAX	.275±.010 6.98±0.25	.810/20.57
69208-XXX	SEE POS. TABLE "B"	NOTE 1	DIM "B" + .530/13.46	DIM "B" + .500/12.70	DIM "B" + .820/20.83	.103/2.62 MIN .130/3.30 MAX	.275±.010 6.98±0.25	.810/20.57
69210-XXX	SEE POS. TABLE "A"	NOTE 1	DIM "B" + .530/13.46	DIM "B" + .500/12.70	DIM "B" + .820/20.83	.103/2.62 MIN .130/3.30 MAX	.275±.010 6.98±0.25	.810/20.57
69687-XXX	SEE POS. TABLE "B"	NOTE 1	DIM "B" + .530/13.46	DIM "B" + .500/12.70	DIM "B" + .820/20.83	.103/2.62 MIN .130/3.30 MAX	.275±.010 6.98±0.25	.810/20.57
69962-XXX	SEE POS. TABLE "A"	NOTE 1	DIM "B" + .530/13.46	DIM "B" + .500/12.70	DIM "B" + .820/20.83	.103/2.62 MIN .130/3.30 MAX	.275±.010 6.98±0.25	.810/20.57
69966-XXX	SEE POS. TABLE "A"	NOTE 1	DIM "B" + .530/13.46	DIM "B" + .500/12.70	DIM "B" + .820/20.83	.103/2.62 MIN .130/3.30 MAX	.275±.010 6.98±0.25	.810/20.57

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mat'l. code
NOTE 2 AND 3

surface
ISO 1302 ✓

tolerance
ISO 406
ISO 1101

projection


product family
HEADERS

ltr
N

ec
N

no
N

dr
N

date
N

tolerances unless otherwise specified

angles
0°±2'

line
linear

tolerances
.XX±.01/.3
.XXX±.005/.13
.XXXX±.0020/.051

INCH/MM
INCH/MM

scale 2:1

title
VERTICAL STACKING 2-ROW HEADER
.755/19.18 WITH MOUNTING HOLES

dr
M. FETROW

enr
L. FYE

chr
T. BREWBAKER

app
L. FYE

8/5/95

8/5/95

8/5/95

8/5/95

dwg no
67746

sheet # of 4
4

size
A3

type
Product Customer Drawing

sheet
index

revision
sheet

1

2

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Form: A3

1

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