

PRODUCT NUMBER
SEE TABLE

-Z-

□ .025
0.64 REF
⊕ ⌀.015/0.38 (M) X (S) Z (S) AT TIPS

MATING LENGTH
DIM "M"

.265 [6.73] 2X REF

▧ .003/1

.268
6.81
-X-

TOTAL PIN LENGTH
DIM "P"
REF

.755
19.18 REF

TAIL LENGTH
DIM "T"

SECTION A-A

OVERALL LENGTH
DIM L REF

DIM D

DIM B

.410
10.41 2X

.124
3.15 REF

.174 [4.42] REF

▧ .003/1

.050 [1.27]

.348
8.84

⊕ ⌀.015/0.38 (M) AT TIPS

.100
2.54

.100
2.54 TYP

.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	no	dr	date		tolerances unless otherwise specified		title	
H	V22947	JWB	7/27/94	angles		.XX±.01/.3		VERTICAL STACKING 2-ROW HEADER	
J	V50976	MDF	8/5/95	linear		.XXX±.005/.13		.755/19.18 WITH MOUNTING HOLES	
K	V71450	HTB	10/7/97	0°±2'		.XXXX±.0020/.051		scale 2:1	
L	M05-0089	ERE	5/20/05	dr		M. FETROW 8/5/95		dwg no	
M	M07-0116	AGS	2/19/07	enrg		L. FYE 8/5/95		sheet 1 of 4	
				chr		T. BREWBAKER 8/5/95		size	
				appd		L. FYE 8/5/95		A3	
sheet	revision	M	M					type Product Customer Drawing	
index	sheet	1	2	3					



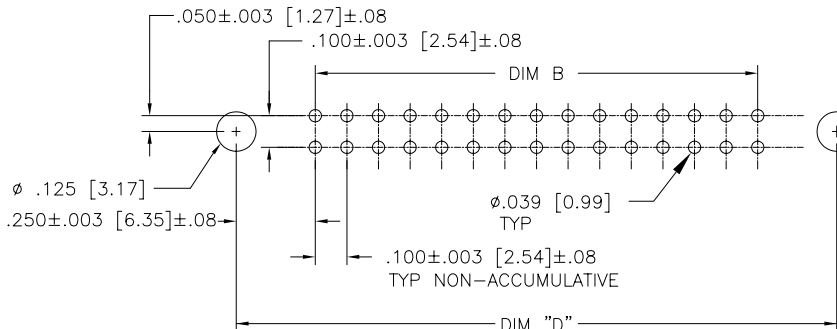
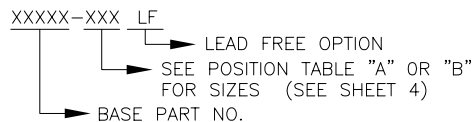
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form: A3

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



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		INCH/MM		HEADERS	
ltr	ecn	no	dr	date	tolerances unless otherwise specified				
M					angles	linear	.XX±.01/.3	title	
					0°±2'		.XXX±.005/.13	VERTICAL STACKING 2-ROW HEADER	
							.XXXX±.0020/.051	.755/19.18 WITH MOUNTING HOLES	
					dr	M. FETROW	8/5/95	dwg no	
					enr	L. FYE	8/5/95	sheet 2 of 4 size	
					chr	T. BREWBAKER	8/5/95	67746 A3	
					appd	L. FYE	8/5/95	type Product Customer Drawing	
sheet	revision								
index	sheet								

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.



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mat'l. code NOTE 2 AND 3		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family HEADERS
ltr	ecn no	dr	date	tolerances unless otherwise specified	title
M				angles .XX±.01/.3 linear .XXX±.005/.13 0°±2' .xxxx±.0020/.051	VERTICAL STACKING 2-ROW HEADER .755/19.18 WITH MOUNTING HOLES
		dr	M. FETROW	8/5/95	dwg no 67746 sheet 3 of 4 size A3 type Product Customer Drawing
		enr	L. FYE	8/5/95	
		chr	T. BREWBAKER	8/5/95	
		appd	L. FYE	8/5/95	
sheet index	revision sheet				

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

B

C

D

B

C

D

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mat'l. code NOTE 2 AND 3	surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family HEADERS
ltr	ecn no	dr	date	title
M				VERTICAL STACKING 2-ROW HEADER .755/19.18 WITH MOUNTING HOLES
				dwg no 67746
				sheet 4 of 4 size A3
				type Product Customer Drawing
sheet index	revision sheet			

form: A3