

DIM C -

$$\text{DIM } M''$$

5/0.38 (M)	X (S)	Z (S)	AT TIPS
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65 [6.73] 2X REF

7.003/1

NOTE 5

TOTAL PIN LENGTH
DIM "P"
REF

$$\begin{array}{r} \text{---} . 268 \\ 6. 81 \\ \boxed{-X-} \end{array}$$

. 755
19. 18 REF

TAIL LENGTH
DIM "T"

SECTION A-A

OVERALL LENGTH
—DIM L REF—

DIM D =

DIM B

$$\begin{array}{r} .410 \\ 10.41 \end{array} 2X$$

3. 15 REF

└.174 [4.42] REF

003/1

.050 [1.27] $\uparrow$ $\uparrow$

$$\begin{array}{r} - .348 \\ 8.84 \end{array}$$

⊕ $\phi. 015/0.38$ (M) AT TIPS

.100	TYP
2.54	

←.160 [4.06] REF

mat'l. code NOTE 2 AND 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family HEADERS			
litr		ecn no		dr		date		tolerances unless otherwise specified		title			
H		V22947		JWB		7/27/94		angles		linear		.XX±.01/.3	
J		V50976		MDF		8/5/95		linear		.XXX±.005/.13		INCH/MM	
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	
M		M07-0116		AGS		2/19/07		enrg		L. FYE		8/5/95	
								chr		T. BREWBAKER		8/5/95	
								appd		L. FYE		8/5/95	
sheet index		revision sheet		M		M		M					
				1		2		3					



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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

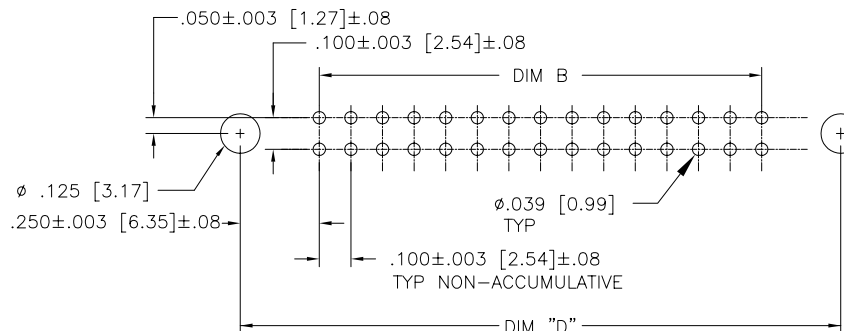
PART NUMBER INFORMATION

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	dr	date	tolerances unless otherwise specified								
M					angles	linear	.XX±.01/.3 .XXX±.005/.13	INCH/MM		title			
					0°±2'		.XXXX±.0020/.051	scale 2:1		VERTICAL STACKING 2—ROW HEADER			
					dr	M. FETROW	8/5/95			.755/19.18 WITH MOUNTING HOLES			
					enrg	L. FYE	8/5/95			dwg no		sheet 2 of 4	size
					chr	T. BREWBAKER	8/5/95			67746		A.	
					appd	L. FYE	8/5/95			type		Product	Customer Drawing
sheet index		revision sheet											

form: A3



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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.
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.

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		INCH/MM 	VERTICAL STACKING 2-ROW HEADER				
					linear	.XXX±.005/.13			.755/19.18 WITH MOUNTING HOLES				
					0°±2'	.XXXX±.0020/.051		scale 2:1					
					dr	M. FETROW	8/5/95		dwg no		sheet3 of 4		size
					enr	L. FYE	8/5/95		67746				A3
					chr	T. BREWBAKER	8/5/95						
					appd	L. FYE	8/5/95						
sheet index		revision sheet							type Product Customer Drawing				

form: A3

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

mat'l. code NOTE 2 AND 3	surface ISO 1302 ✓ ISO 406 ISO 1101	tolerance ISO 1302 ✓ ISO 406 ISO 1101	projection 	product family HEADERS
ltr M	ecn no	dr	date	title 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