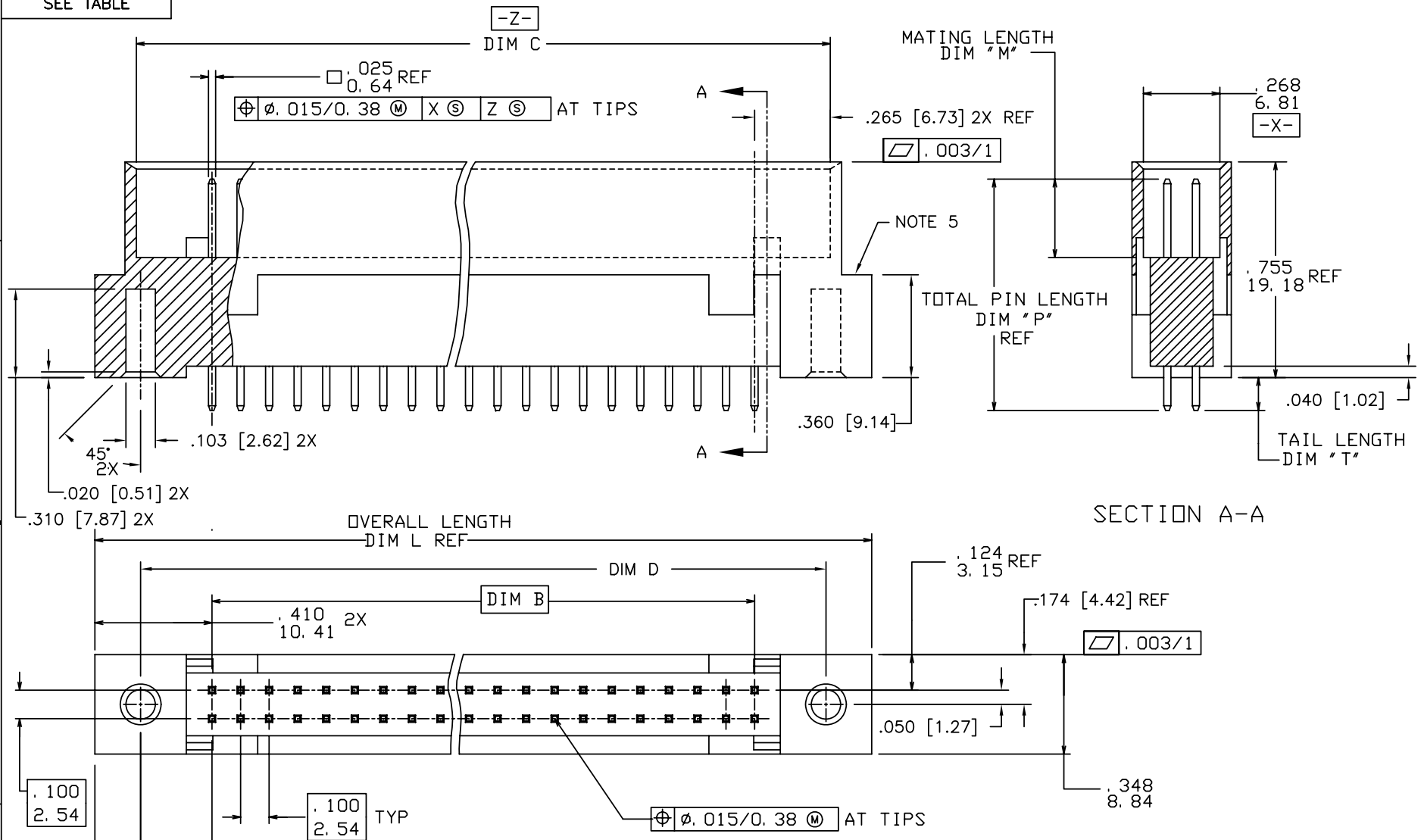
PRODUCT NUMBER
SEE TABLE



SECTION A-A

mat'l. code	surface	tolerance	projection	product family
NOTE 2 AND 3	ISO 1302	ISO 406 ISO 1101		HEADERS

ltr	ecn	nodr	date
H	V22947	JWB	7/27/94
J	V50976	MDF	8/5/95
K	V71450	HTB	10/7/97
L	M05-0089	ERE	5/20/05
M	M07-0116	AGS	2/19/07
N	ELX-N-18436	Henry	07/31/14

tolerances unless otherwise specified
angles 0°±2°
linear .XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.051

dr	M. FETROW	8/5/95
engr	L. FYE	8/5/95
chr	T. BREWBAKER	8/5/95
appd	L. FYE	8/5/95

INCH/MM
scale 2:1

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

dwg no 67746 sheet 1 of 4 size A3

type Product Customer Drawing

sheet index	1	2	3	4
revision	N	N	N	N

form A3

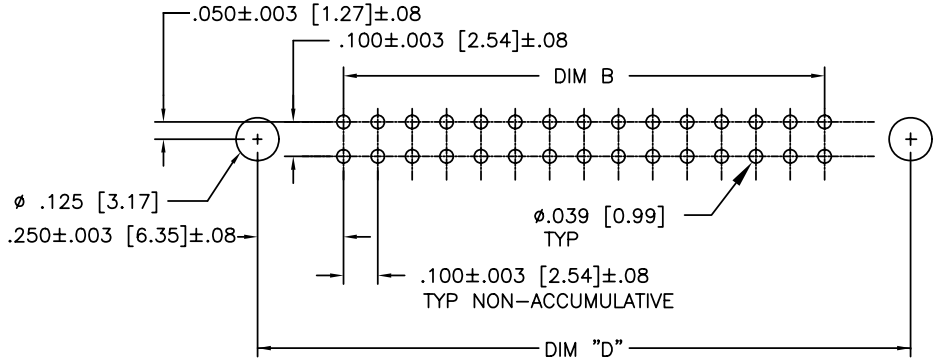
POSITION TABLE "A"	
PRODUCT NO	SIZE
XXXXX–001	2X5
–002	2X6
–003	2X7
–004	2X8
–005	2X9
–006	2X10
–007	2X11
–008	2X12
–009	2X13
–010	2X14
–011	2X15
–012	2X16
–013	2X17
–014	2X18
–015	2X19
–016	2X20
–017	2X21
–018	2X22
–019	2X23
–020	2X24
–021	2X25
–022	2X26
–023	2X27
–024	2X28
–025	2X29
–026	2X30
–027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

XXXXX–XXX LF

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



RECOMMENDED PC BOARD LAYOUT

SCALE 2/1

NOTES

1. DIM B =
   (NO OF COLUMNS – 1) TIMES .100 (ENGLISH)
   (NO OF COLUMNS – 1) TIMES 2.54 (METRIC)
2. MOLDING MATERIAL: 20% MIN GLASS FILLED NYLON PER UL 94V–0.
   COLOR: BLACK, OXYGEN INDEX 36.
3. TERMINAL MATERIAL: 3/4 HARD PHOS BRONZE ALLOY UNS C51000.
4. PIN RETENTION TO BE 3 LBS./1.4 KGS MINIMUM PER PIN IN EITHER DIRECTION.
5. BERG LOGO TO BE MOLDED IN APPROX LOCATION SHOWN.
6. ASSEMBLY IS UL AND CSA APPROVED.
7. ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
8. 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.
9. IF "LF" P/N THE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS–22–008.
10. PLATING OPTIONS:
    MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

mat'l. code: NOTE 2 AND 3				surface: ISO 1302	tolerance: ISO 406, ISO 1101	projection	product family: HEADERS				
ltr	ecn	nodr	date	tolerances unless otherwise specified:							
N				angles: 0°±2°	linear: .XX±.01/.3, .XXX±.005/.13, .XXXX±.0020/.051	INCH/MM	title: VERTICAL STACKING 2–ROW HEADER .755/19.18 WITH MOUNTING HOLES				
						scale 2:1					
				dr	M. FETROW	8/5/95	dwg no: 67746	sheet 2 of 4	size: A3		
				engr	L. FYE	8/5/95					
				chr	T. BREWBAKER	8/5/95					
				appd	L. FYE	8/5/95	type: Product Customer Drawing				
sheet index	revision sheet										

form A3

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.

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mat'l. code: NOTE 2 AND 3	surface: ISO 1302	tolerance: ISO 406 ISO 1101	projection
ltr ecn nodr date	tolerances unless otherwise specified:		product family: HEADERS
N	angles: 0°±2°	linear: .XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.051	INCH/MM
			title: VERTICAL STACKING 2-ROW HEADER .755/19.18 WITH MOUNTING HOLES
			scale 2:1
	dr M. FETROW 8/5/95		dwg no 67746 sheet 3 of 4 size A3
	engr L. FYE 8/5/95		
	chr T. BREWBAKER 8/5/95		type Product Customer Drawing
	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

mat'l. code NOTE 2 AND 3

surface ISO 1302

tolerance ISO 406 ISO 1101

projection

product family HEADERS

ltr	ecn	nodr	date
N			

tolerances unless otherwise specified

angles 0°±2°

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

INCH/MM

scale 2:1

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

dr	M. FETROW	8/5/95
engr	L. FYE	8/5/95
chr	T. BREWBAKER	8/5/95
appd	L. FYE	8/5/95

dwg no 67746 sheet 4 of 4 size A3

type Product Customer Drawing

sheet index | revision sheet

form: A3