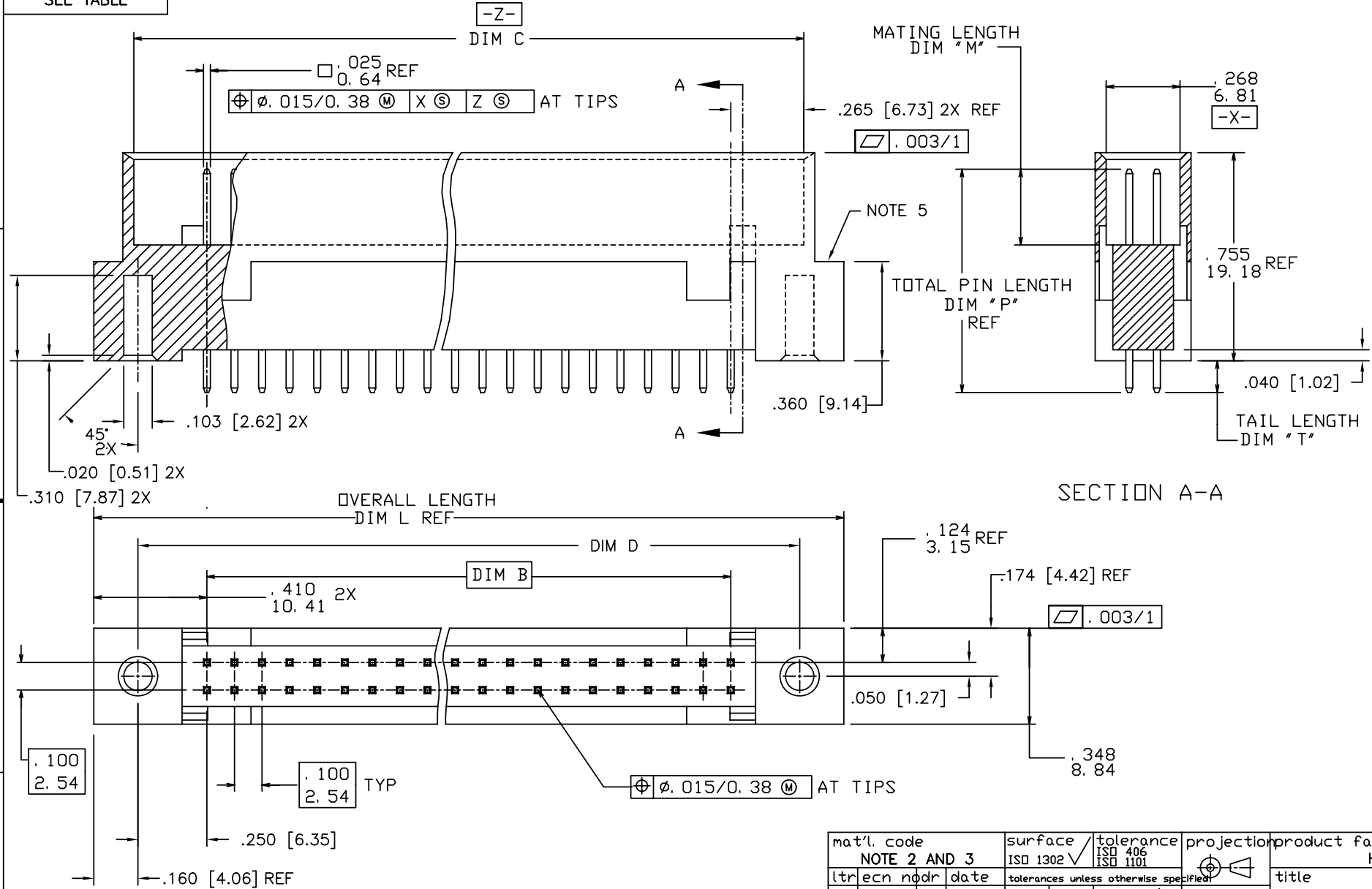


PRODUCT NUMBER
SEE TABLE



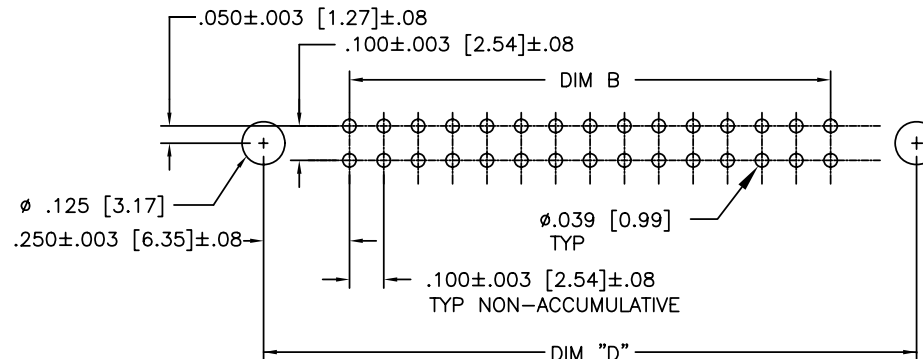
mat'l. code NOTE 2 AND 3		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection ISO 1101	product family HEADERS
ltr	ecn	no	date	tolerances unless otherwise specified	title
H	V22947	JWB	7/27/94	angles linear XX±.01/.3	VERTICAL STACKING 2-ROW HEADER .755/19.18 WITH MOUNTING HOLES
J	V50976	MDF	8/5/95	0°±2'	
K	V71450	HTB	10/7/97	.000X±.0020/.051	
L	M05-0089	ERE	5/20/05	chr M. FETROW	8/5/95
M	M07-0116	AGS	2/19/07	enr L. FYE	8/5/95
N	ELX-N-18436	Henry	07/31/14	chr T. BREWBAKER	8/5/95
				app L. FYE	8/5/95
sheet index	revision	N	N	N	N
	sheet	1	2	3	4

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		INCH/MM		title	
N				.XX±.01/.3		scale 2:1		VERTICAL STACKING 2-ROW HEADER	
				.XXX±.005/.13				.755/19.18 WITH MOUNTING HOLES	
				.XXX±.0020/.051				dwg no	
		dr M. FETROW		8/5/95		FCI		sheet 2 of 4	
		enr L. FYE		8/5/95				size	
		chr T. BREWBAKER		8/5/95				A3	
		app L. FYE		8/5/95				type Product Customer Drawing	
sheet index		revision sheet							

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2 3

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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.

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 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							
N				angles		linea		.XX±.01/.3		INCH/MM		VERTICAL STACKING 2-ROW HEADER					
				0°±2°				.XXX±.005/.13		scale 2:1		.755/19.18 WITH MOUNTING HOLES					
				dr		M. FETROW		8/5/95				dwg no		sheet 3 of 4		size	
				engr		L. FYE		8/5/95				67746		A3			
				chr		T. BREWBAKER		8/5/95				type		Product Customer Drawing			
				appd		L. FYE		8/5/95									
sheet index		revision sheet															

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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

engr
L. FYE

chr
T. BREWBAKER

appd
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

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Form: A3

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PDS: Rev :N

STATUS: Released

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