0.318

0.318

0.318

0.230

0.135

0.135

0.318

0.230

0.230

0.230

0.230

0.120

0.230

0.230

0.230

0.230

0.230

0.230

0.318

0.318

0.318

0.318

0.110

0.135

0.230

NO. OF

POS.

8

32

5

17

10

12

11

6

6

6

4

4

12

6

12

8

25

14

19

MATING LENGTH

N A

8.08

8.08

8.08

5.84

3.43

3.43

8.08

ΝО.

5.84

5.84

5.84

5.84

3.05

5.84

5.84

5.84

5.84

5.84

5.84

8.08

8.08

8.08

8.08

2.79

3.43

5.84

DIM F DIM F

TAIL

ENGLISH METRIC ENGLISH METRIC ENGLI

0.110

0.110

0.110

0.195

0.305

0.305

0.110

A V A

0.120

0.090

0.090

0.090

0.185

0.120

0.090

0.090

0.090

0.090

0.120

0.120

0.120

0.110

0.120

0.230

0.295

0.195

DIM

0.135

0.160

3.43

4.06

2

BEND DIM

LENGTH

2.79

2.79

2.79

4.95

7.75

7.75

2.79

3.05

2.29

2.29

2.29

4.70

3.05

2.29

2.29

2.29

2.29

3.05

3.05

3.05

2.79

3.05

5.84

7.49

4.95

ILA

DIM G DIM G

SIGNED

001 401750

	DIM H	DIM H	PIN PLATING	POLARIZED	PIN PLATING	OPTION
)	ENGLISH	METRIC	CODE	POSITION	CODE	
)						NOTE 4, 5
	0.060	1.52	2	7	2	4
	0.060	1.52	2	3	2	
	0.060	1.52	2	2-5-9-20-26-31	2	
	0.160	4.06	1	4	1	
	0.135	3.43	4	9	4LF	
	0.135	3.43	4	6	4LF	
	0.060	1.52	2	7	2	
1	BLE					
	0.060	1.52	1	2-5	1	
٦	0.060	1.52	1	5	1	
	0.060	1.52	1	5	1	
	0.060	1.52	1	4	1	
	0.149	3.78	4	5	4LF	
	0.060	1.52	4	2	4LF	
	0.060	1.52	3	2	3	
٦	0.060	1.52	1	2	1	
٦	0.060	1.52	3	2	3	
٦	0.060	1.52	1	3	1	
	0.060	1.52	1	2	1	
	0.060	1.52	4	2	4LF	
	0.060	1.52	2	3	2	
	0.060	1.52	2	2	2	
	0.060	1.52	2	6	2	
	0.135	3.43	4	3–21	4LF	
_			•		-	

LEAD FREE

LEAD FREE

NOTE

PRODUCT NUMBER

68450-001

68450-002

68450-003

68450-004

68450-005

68450-006

68450-007

68450-008

68450-009

68450-010

68450-011

68450-012

68450-013

68450-014

68450-015

68450-016

68450-017

68450-018

68450-019

68450-020

68450-021

68450-022

68450-023

68450-024

68450-025

68450-026

68450-027

- 1. FOR PRODUCT GEOMETRY AND GENERAL INFORMATION SEE DRAWING 93198.
- 2. ANY NUMBER OF POSITIONS FROM 2 THROUGH 36.
- 3. PACKAGED IN POLY BAGS ONLY.
- 4. ADD "HLF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- 5. THESE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- 6. PART NUMBERS WITH "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

PART NUMBERS WITHOUT "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR WAVE SOLDER PROCESS.

BODY MATERIAL:

BERGSTIK: MANUFACTURER'S OPTION OF NYLON, PCT

GLASS FIBER REINFORCED, FLAME RETARDENT PER UL-94V-0.

COLOR: BLACK OR

MINERAL FILLED LCP, FLAME RETARDENT PER UL-94V-0.

COLOR BLACK.

- 7. PLATING OPTIONS:
 - PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL, OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.

NOTE 4, 5

8. 'THIS PRODUCT HAS 100', TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

PDS: Rev :BU

mat'l. code						surface tolerance ISO 406 ISO 1101						pro	jecti	ion 1	prod	uct 1	family	/	Ве	rgstik	(
Itr	ecn r	io di	r	dat	a	tolera	nces	unless	otherw	ise sp	ecified	7	7 -	J	title								
BT	N11-011	18 J.:	Z	2011-	04-22	anal	gles XXX±.01/.X				3	INC	INCH/MM BERGSTIK®I					IK [®] II	HF	R/A			
BU	ELX-N-161	05 Zŀ	(2013-	10-22	ungi					0.13	1	- ′ -		.100/2.54cc SR POLARIZ							,	、 l
						0°±2)*±2* = .XXXX±.0020/.)/.XXX	±0.051	SC	ale 1:	1		100	/ 2.	7400	SIN	FU	LAP	NIZEL	
						dr	T.B	REWBA	KER	1/13	/95				dwg	no			s	heet	1 (of 4	size
						engr	1	.HANN	Ą	1/13/95 1/13/95		FCj		68450						A4			
						chr	1	HANN	Ą				' 三					00	40	<u> </u>			A4
				appd	1	.HANN	Ą	1/13	5/95		7		type	e	PROD	UCT	CUST	OME	7	Drawi	ng		
sheet revision BU BU			BU	BU	BU																		
ind	index sheet 1 2 3 4																						

form: A4mmXLc

5

ALL EVEN

STATUS: Released

Printed: Oct 29,42013

FClconnect.com

1 | 2 FClconnect.

3|

 $\overline{}$

PRODUCT NUMBER		MATING			ENGTH .		DIM			LEAD FREE	LEAD FREE
	NO. OF		DIM F	DIM G	DIM G			PIN PLATING	POLARIZED	PIN PLATING	OPTION
	POS.	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	CODE	POSITION	CODE	
68450-028	14	0.120	3.05	0.295	7.49	0.135	3.43	1	5	1	NOTE 4, 5
68450-029	19	0.230	5.84	0.120	3.05	0.060	1.52	2	ALL EVEN	2	t
68450-030	5	0.120	3.05	0.230	5.84	0.135	3.43	4	4	4LF	
68450-031	18	0.230	5.84	0.120	3.05	0.060	1.52	1	7	1	
68450-032	10	0.230	5.84	0.120	3.05	0.060	1.52	1	8	1	
68450-033	19	0.230	5.84	0.120	3.05	0.060	1.52	1	3-4-6-7-12	1	
68450-034	20	0.230	5.84	0.090	2.29	0.060	1.52	4	4	4LF	
68450-035	14	0.230	5.84	0.120	3.05	0.060	1.52	1	7	1	
68450-036	8	0.100	2.54	0.120	3.05	0.060	1.52	4	2	4LF	
68450-037	3	0.110	2.79	0.230	5.84	0.135	3.43	1	3	1	
68450-038	3	0.110	2.79	0.230	5.84	0.135	3.43	1	1	1	
68450-039	19	0.120	3.05	0.185	4.70	0.149	3.78	1	ALL EVEN	1	
68450-040	3	0.230	5.84	0.090	2.29	0.060	1.52	1	1	1	
68450-041	8	0.230	5.84	0.100	2.54	0.060	1.52	4	5	4LF	
68450-042	8	0.230	5.84	0.100	2.54	0.060	1.52	4	3	4LF	
68450-043	12	0.230	5.84	0.120	3.05	0.060	1.52	3	5–11	3	
68450-044	7	0.230	5.84	0.120	3.05	0.060	1.52	4	5	4LF	
68450-045	æ	0.135	3.43	0.135	3.43	0.135	3.43	2	3	2	
68450-046	5	0.230	5.84	0.120	3.05	0.060	1.52	1	4	1	
68450-047	11	0.230	5.84	0.090	2.29	0.060	1.52	1	3	1	
68450-048	8	0.135	3.43	0.305	7.75	0.135	3.43	2	6	2	
68450-049	10	0.120	3.05	0.100	2.54	0.060	1.52	4	2-4-5-7-9	4LF	
68450-050	5	0.230	5.84	0.120	3.05	0.060	1.52	1	2	1	
68450-051	9	0.230	5.84	0.120	3.05	0.060	1.52	4	2-3-5-6-8	4LF	
68450-052	5	0.230	5.84	0.090	2.29	0.060	1.52	4	2	4LF	
68450-053	10	0.230	5.84	0.120	3.05	0.060	1.52	2	8	2	ļ
68450-054	10	0.230	5.84	0.120	3.05	0.060	1.52	4	8	4LF	NOTE 4, 5
		-		-							

mat	'l. co	de				surfa ISO			toler ISO 4 ISO 1	ance 106 101	;	pr	oject	ion	prod	luct	famil	у	Ве	rgstik	(
Itr	ecn	no	dr	dat	е	toleran	ces ı	ınless	otherv	vise sp	ecified	7	クト	J	title								
BU						angle	iear Jear		X±.01			INC	H/N	ИМ	ı		RGST 1/2.5					,	
						0°±2	0'±2'					sc	ale 1:	: 1	•	IUU	/ 2.3) 4 CC	: 2K	PU	LAR	IZEL	'
						dr	T.BI	REWBA	KER	1/13	3/95					nc)		s	heet	2 0	of 4	size
						engr chr		HANN,		-	1/13/95 1/13/95		C	. j ,	68450							A4	
						appd						İ			typ	е	PROD	UCT	CUS	TOME	₹	Drawi	ng
sh	eet	revis	ion																				
ا	l	-1	. 1																				

В

form: A4mmXLc

1 |

PDS: Rev :BU

2

STATUS:Released

Printed: Oct 29,42013

5

0.120

3.05

0.120

3.05

0.060

1.52

FÇ

2 FClconnect.com

3|

MATING LENGTH TAII LENGTH PRODUCT NUMBER BEND DIM LEAD FREE LEAD FREE DIM G DIM H PIN PLATING POLARIZED NO. OF DIM F DIM F DIM G DIM H PIN PLATING OPTION CODE POSITION CODE POS. ENGLISH METRIC ENGLISH METRIC ENGLISH METRIC 1.52 68450-055 0.230 5.84 0.120 3.05 0.060 8 NOTE 4, 5 1 68450-056 5 0.318 8.08 0.090 2.29 0.160 4.06 3 4 3 68450-057H 8 0.120 3.05 0.230 5.84 0.060 1.52 2 2 2 68450-058H 12 0.318 8.08 0.120 3.05 0.060 1.52 2 2 2 68450-059H 2-3-4 6 0.230 5.84 0.085 2.16 0.060 1.52 4 4LF 68450-060H 25 0.230 0.290 7.37 0.060 1.52 3-5-8-9-12-13-16-19-20 5.84 1 1 68450-061H 0.230 2.29 5.84 0.090 0.060 1.52 68450-062 5 0.275 6.99 0.120 3.05 0.060 1.52 2 2 2 68450-063H 5 0.318 8.08 0.120 3.05 0.060 1.52 4 2 4LF 68450-064H 0.230 5.84 0.120 3.05 0.060 1.52 2-3-4-5 68450-065H -6 0.230 5.84 0.090 2.29 0.060 1.52 4 2-3-4-5 4LF 68450-066H 0.230 2 AND 3 4 5.84 0.120 3.05 0.060 1.52 4 4LF 68450-067 0.230 5.84 0.120 3.05 0.060 1.52 2 6 2 68450-068 5 0.230 5.84 0.120 3.05 0.060 1.52 2 4 2 68450-069H 12 0.230-5.84 0.090 2.29 0.060 1.52 1 68450-070H 0.275 6.99 0.120 3.05 0.060 1.52 68450-071H 7 0.110 2.79 0.230 5.84 0.160 4.06 2 3 2 68450-072H 3.4 7 0.140 3.56 0.115 2.92 0.060 1.52 4 4LF 2 3.4 68450-073H 0.140 3.56 0.115 2.92 0.060 1.52 68450-074H 20 0.140 3.56 0.115 2.92 0.060 1.52 4 4,5,6,7,8,9,13,14,15,16,17 4LF 68450-075H 20 0.140 3.56 0.115 2.92 0.060 1.52 2 4.5.6.7.8.9.13.14.15.16.17 2 68450-076H 1.52 4.5 0.140 3.56 0.115 2.92 0.060 4 41 F 4.5 68450-077H 2 0.140 3.56 0.115 2.92 0.060 1.52 2 68450-078H 1.52 2,4,5,6,8,10,12,14,16,18,20 21 0.190 4.83 0.095 2.41 0.060 4 4LF 68450-079H 0.190 4.83 0.095 2.41 0.060 1.52 2 2,4,5,6,8,10,12,14,16,18,20 2 68450-080H 9 0.230 5.84 0.090 2.29 0.060 1.52 1 2 1 4, 5, 9, 10 68450-081H 12 0.320 8.13 0.100 2.54 0.060 1.52 4 4LF

mat	'l. co	de				surface							jecti	ion	prod	uct	famil	у	Ве	rgstik	(
Itr	e	tolera	nces ı				ecified) [7	title												
BU						angle	χ.	(X±.01			INC	H/N	ИΜ	ı							R/A		
						0°±2			(±.005 ±.0020		0.13 ±0.051	sc	ale 1:	: 1		100	/2.5	54cc	: SR	P0	LAF	RIZE	
					dr	T.Bf	REWBAKER		1/13	3/95		_		dwg	no			s	heet	3	of 4	size	
						engr	T.	T.HANNA			3/95	F	C	, į		684				\cap			A4
						chr T.		T.HANNA		1/13/		FC						430				A4	
				appd	T.	HANN	Ą	1/13	3/95		7		type	Э	PROD	UCT	CUS	TOME	7	Drawi	ng		
sh	sheet revision																						
ind	dex	shee	et																				

В

68450-082H

form: A4mmXLc

2

PDS: Rev :BU

NOTE 4, 5

STATUS:Released

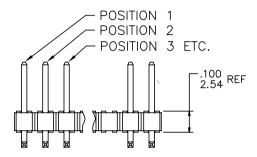
Printed: Oct 29,42013

FCIconnect.com

3|

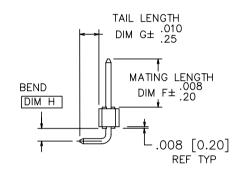
4

PRODUCT NUMBER		MATING	LENGTH	TAIL L	ENGTH	BEND	DIM C				LEAD FREE	LEAD FREE
	NO. OF	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	PIN PLATING	PO	LARIZED	PIN PLATING	OPTION
	POS.	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	CODE	P	OSITION	CODE	
68450-083 H	-5	0. 120	3.05	0.120	· 3. 05	0. 060	1.52	4 —		2, 4 — —		-OB
68450-084 H	-5 -	0. 120	3.05	0.120	· 3. 05	0.060	1.52	4 —	-	2, 3 — —	4LF	_{-oB} NOTE 4, 5



SINGLE ROW SIDE VIEW SEE NOTE 1

1 | 2



SINGLE ROW END VIEW

	PIN PLATING CODES
1	30u"/0.76u MIN (SEE NOTE 7) OVER 50u"/1.27u MIN Ni
2	15u"/0.38u MIN (SEE NOTE 7) OVER 50u"/1.27u MIN Ni
3	50u"/1.27u MIN (SEE NOTE 7) OVER 50u"/1.27u MIN Ni
4	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 8)
4LF	

mat	'l. co	ode				surface tolerance ISO 406 ISO 1302 tolerances unless otherwise specified							ojecti →	ion	product family Bergstik								
Itr	ecn	on o	dr	dat	.e	tolera	nces	unless	otherv	wise sp	ecified	l d	クト	J	title								
BU						anal	ج ا وم			(±.01/.X±0.3			H/N	ИΜ	\rceil bergstik $^{f R}$ II header R $/$							R/A	
						angle	اع الت	.XX	X±.005	5/.XX±0.13		-			.100/2.54cc SR POLARI							,	`
						0°±2	2• =	.XXX	(±.0020	O/.XXX	±0.051	sc	ale 1:	: 1		.100	/ 2.	J+CC	, 31				
						dr	T.B	REWB/	AKER	1/13	3/95	_			dwg	, no			s	heet	4 (of 4	size
						engr	1	.HANN	IA	1/13/95		F	FÇj					68	3450	\cap			A4
						chr	1	.HANN	IA	1/13	3/95			7				00	+5	0			A4
				appd		.HANN	IA	1/13	3/95		7		typ.	е	PROD	UCT	CUS	TOME	₹	Drawi	ng		
sheet revision																							
index sheet																							

В

form: A4mmXLc

1

2

PDS: Rev :BU

STATUS:Released

Printed: Oct 29,42013

5

В

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI:

68450-065H 68450-069H 68450-065HLF 68450-069HLF