

PRODUCT NUMBER

10082627-XYH TLF

LEAD FREE OPTION
SEE NOTE 1,11

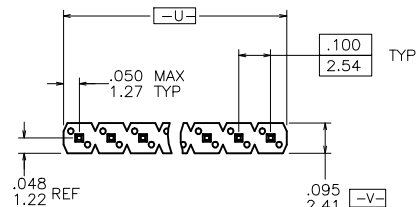
TUBE PACKAGING OPTION
SEE NOTE 1

HIGH TEMPERATURE PLASTIC
SEE NOTE 1

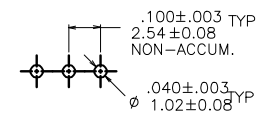
NO. OF
POSITIONS
SEE NOTE 2

PIN PLATING
SEE SHEET 2

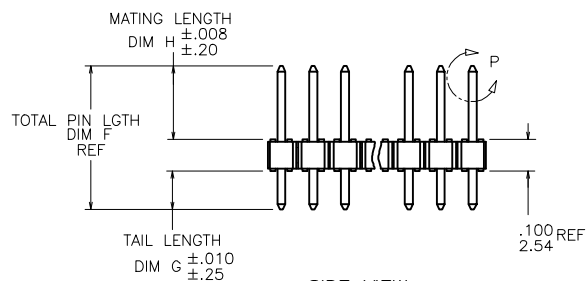
BASE PART NO.



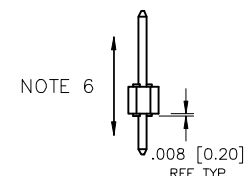
TOP VIEW



RECOMMENDED HOLE PATTERN



SIDE VIEW



END VIEW

⊕ ∅ .020/.51 M U M V S

NOTE 4

□ .025 ± .001
0.64 ± .03 TYP

□ .013 MAX TYP
0.33

25° ± 5° TYP
4 SIDES

DETAIL P
TYP BOTH ENDS

mat'l. code				surface		tolerance	projection	product family	
NOTES 2 & 3				ISO 1502		ISO 406 ISO 1101		BERGSTIK	
lir	ech no	dr	date	tolerances unless otherwise specified				title	
A	M07-0523	MHT	9/21/07	angles	linear	.XX ± .01/.XX ± 0.3	INCH/MM	BERGSTIK® II HEADER	
B	M08-0007	MHT	1/10/08			.XXX ± .005/.XXX ± 0.13		.100 SR SELF-RET	
C	M08-0044	MHT	2/15/07	0° ± 2°		.XXXX ± .0020/.XXX ± 0.051	scale 2:1	dwg no	
D	M08-0279	MHT	9/30/08	dr		M.HERNANDEZ	9/21/07	sheet 1 of 4	
E	M09-0157	MHT	9/11/09	engr		S.FIERRO	9/21/07	size	
				chr		S.FIERRO	9/21/07	A3	
				appd		S.FIERRO	9/21/07	type	
sheet	revision	E	E	E	E	E		Product Customer Drawing	
index	sheet	1	2	3	4				

PIN PLATING CODES:

10082627-1YY	30u"/0.76u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
10082627-2YY	15u"/0.38u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
10082627-3YY	50u"/1.27u MIN Au OVER 50u"/1.27u MIN Ni
10082627-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 13)
10082627-5YY	15u"/0.38u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
10082627-6YY	30u"/0.76u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni

NOTES

①. PART NUMBER OPTIONS:

PIN PLATING CODES (SEE ABOVE)

HIGH TEMP. MATERIAL:

FOR HIGH-TEMPERATURE APPLICATIONS, SPECIFY AN "H" AT THE END OF THE PART NUMBER, AND PCT WILL BE SUPPLIED.

NUMBER OF POSITION:

ANY NUMBER OF POSITIONS FROM 2 THRU 36.

PACKAGING:

PACKAGED IN POLY BAGS.

TWELVE DIGIT PART NUMBERS FOLLOWED BY A "T" ARE PACKAGED IN TUBES. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

LEAD FREE:

ADD "HLF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION, NOT AVAILABLE FOR -5YY, -5YYH, -6YY & -6YYH.

②. BODY MATERIAL:

MANUFACTURER'S OPTION OF NYLON OR PCT, GLASS FIBER REINFORCED, FLAME RETARDENT PER UL-94V-0.

COLOR: BLACK.

OR

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

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.

③. PIN MATERIAL: PHOS-BRONZE.

④. MEASURED WITH PART IN RESTRAINED CONDITION.

5. TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS.

⑥. 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.

⑦. $\pm 0.10/0.25$ TOL APPLIES TO ALL 'G' TAILS EXCEPT INDICATED PARTS ON TABLE WHERE $+0.10/0.25$ $-0.000/0.00$ APPLIES.

⑧. DETAIL N DIMENSIONS APPLY TO 2 POSITION PARTS ONLY

⑨. SECTION R-R DIMENSIONS ONLY APPLY TO RETENTION. PIN POSITIONS FOR 3 POSITION PARTS AND LARGER. RETENTION PIN POSITIONS LOCATED AT MANUFACTURER'S OPTION.

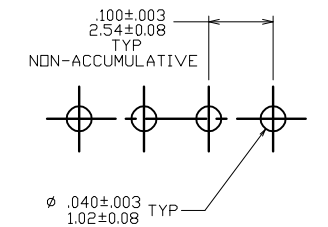
10. 5LB/2.3KG MAX INSERTION FORCE AND .25LB/.1KG MIN RETENTION FORCE PER RETENTIVE PIN USING .062/1.57 THICK CIRCUIT BOARDS AND RECOMMENDED HOLE PATTERN.

⑪. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

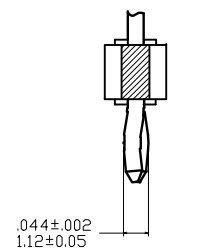
⑫. PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

⑬. THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

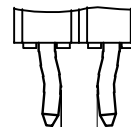
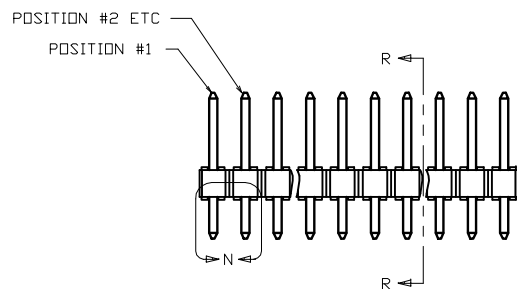
mat'l code		surface ISO 1902		tolerance ISO 406 ISO 1101		projection		product family BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM		title	
E				angles	linear			BERGSTIK® II HEADER	
								.100 SR SELF-RET	
				0° ± 2°		scale 2:1		dwg no	
				dr	M.HERNANDEZ	9/21/07			sheet 2 of 4
				engr	S.FIERRO	9/21/07			size
				chr	S.FIERRO	9/21/07			A3
				appd	S.FIERRO	9/21/07			
sheet	revision							type Product Customer Drawing	
index	sheet								



RECOMMENDED HOLE PATTERN



SECTION R-R
NOTE 9



TWO POSITION
DETAIL N
NOTE 8

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family BERGSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified		 INCH/MM scale 2:1	title BERGSTIK® II HEADER .100 SR SELF-RET
E				angles	linear		dwg no 10082627 sheet 3 of 4 size A3 type Product Customer Drawing
				0°±2'	linear		
				dr	M.HERNANDEZ	9/21/07	
				engr	S.FIERRO	9/21/07	
				chr	S.FIERRO	9/21/07	
				appd	S.FIERRO	9/21/07	
sheet	revision						
index	sheet						



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PRODUCT NUMBER	TOTAL PIN LENGTH		TAIL LENGTH		MATING LENGTH		PACKAGING	NOTE	RETENTION POSITION	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H				
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC				
10082627-X04H	0.538	13.66	0.120	3.05	0.318	8.08	POLY BAGS/TUBE	—	2,3	NOTE 1,11

mat'l. code				surface ISO 1902	tolerance ISO 406 ISO 1101	projection	product family BERGSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified		 INCH/MM scale 2:1	title
E				angles	linear .XX±.01/XX±0.3 XXX±.005/XX±0.13 XXX±.0020/XXX±0.051		BERGSTIK® II HEADER .100 SR SELF-RET
				O'±2'			
				dr	M.HERNANDEZ	9/21/07	dwg no
				engr	S.FIERRO	9/21/07	sheet 4 of 4 size
				chr	S.FIERRO	9/21/07	10082627 A3
				appd	S.FIERRO	9/21/07	type Product Customer Drawing
sheet index	revision sheet						