

		1	2 3			
	PIN PLAT	ING CODES:				
F	XXXXX-1YY	30u"/0.76u MIN (SEE NOTE 12) OVER 5	0u"/1.27u MIN Ni			
	XXXXX–2YY	15u"/0.38u MIN (SEE NOTE 12) OVER 50) Ju"/1.27u MIN Ni			
ノ [XXXXX-3YY	50u"/1.27u MIN (SEE NOTE 12) OVER 5	0u"/1.27u MIN Ni			
	XXXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u I	MIN NI (SEE NOTE	13)		
	XXXXX-4YYHLF		WIN NI (SEE NOTE	13)		
	XXXXX-5YY	15u"/0.38u MIN (SEE NOTE 12) OVER 5	0u"/1.27u MIN Ni			
	XXXXX-6YY	30u"/0.76u MIN (SEE NOTE 12) OVER 5	0u"/1.27u MIN Ni			
	XXXXX—7YY	30u"/0.76u MIN (SEE NOTE 12) OVER 5	0u"/1.27u MIN Ni			
	XXXXX-8YY	15u"/0.38u MIN (SEE NOTE 12) OVER 50	Du"/1.27u MIN Ni			
А	XXXXX-9YY	15u"/0.38u MIN (SEE NOTE 12) OVER 5	0u"/1.27u MIN Ni			
	XXXXX-0YY	30u"/0.76u MIN (SEE NOTE 12) OVER 5	0u"/1.27u MIN Ni			
	NOTES					
$\mathbf{)}$	PIN PLATI	MBER OPTIONS: NG CODES (SEE ABOVE) P. MATERIAL:				
		HIGH-TEMPERATURE APPLICATIONS	, SPECIFY AN '	'H" A ⁻	Т	

THE END OF THE PART NUMBER, AND PCT WILL BE SUPPLIED.

NUMBER OF POSITION:

ANY NUMBER OF POSITIONS FROM 2 THRU 36.

PACKAGING:

В

Ū

С

FC

Cop yright

D

form: A3

ບຼົງ

PACKAGED IN POLY BAGS.

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

EIGHT DIGIT PART NUMBERS FOLLOWED BY A "A" ARE PACKAGED IN TAPE AND REEL WITH PICKUP CAPS.

LEAD FREE:

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

2

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, COLOR BLACK FLAME RETARDENT PER UL-94V-0.

PART NUMBERS WITH "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260 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 PEAK TEMPERATURE FOR WAVE SOLDER PROCESS.

1

- 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. ±.010/0.25 TOL APPLIES TO ALL 'G' TAILS EXCEPT INDICATED PARTS ON TABLE WHERE +.010/0.25 -.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.

51

А

В

С

- 11. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- 12. PLATING OPTIONS: PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL, OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.
- 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 tolerance projection product family SO 406 SO 110 ISO 1302 V BERGSTIK Θ Itr ecn no dr date title tolerances unless otherwise specified AN .XX±01/.X±0.3 INCH/MM BERGSTIK II HEADER angles linear .XXX±005/.XX±0.13 .100/2.54 SR SELF-RET .XXXX±0020/.XXX±0.051 0°±2° scale 1:1 sheet 2 of 4 size dr D. WHITING 4/19/93 dwg no FCi engr T.HANNA 4/19/93 69190 Аз chr T. BREWBAKER 4/19/93 Y T.HANNA type Product Customer Drawing appd 4/19/93 sheet revision index sheet 4PDS: Rev :AN STATUS:Released Printed: Oct 29, 2013

	1	2 3		4	5	6
\bigcirc						
	Ν	100±.003 2.54±0.08 TYP ION-ACCUMULATIVE 0.040±.003 1.02±0.08 1.02±0.08		.041±.003 1.04±0.08 SECTION R-R NOTE 9		A
FClconnect.com B	RE POSITION #2 ETC POSITION #1	COMMENDED HOLE PATTERN		NOTE 9		В
C C		╘╻┙╘╷┙╘╻┙╘╻┙╘╷┙╘╷┙╘╻┙╘╷ ┙╴╖╺┙ ┍╶╸┙		.056±.003 1.42±0.08 TWO POSITION DETAIL N NOTE 8		C
Copyright FCI				Itr ecn no dr date tolerances unless other AN angles angles linear J0 J0	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	II HEADER SR SELF-RET sheet 3 of 4 size 90 A3 Customer Drawing
D form: A3	1	2	3	index sheet 4PDS: Rev :Al	N STATUS®eleased Pr	D inted: Oct 29, 2013

			2	2 3						4					
	PRODUCT NUMBER	TOTAL PI	N LENGTH	TAIL L	ENGTH	MATING	LENGTH					1	L	_	
		DIM F	DIM F	DIM G	DIM G	DIM H	DIM H		PACKA	GIN	3	NOTE			
\bigcirc		ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC								
\bigcirc	69190-XYY	0.450	11.43	0.120	3.05	0.230	5.84	PO	LY BAG	<u>S/T</u>	UBES	_	NOTE	1,11	
	72348XYYH	-0.515-	-13.08 -	- 0.120 -		- 0.295 -	7 .4 9		POLY	BAG	S	 	ов 🖡		
	78229-XYY	0.538	13.67	0.120	3.05	0.318	8.08	PO	LY BAG	S/T	UBES	_			
	78250-XYY	l (ψΝΑν	AIL	ABLE	+						-			
	- 78538 XYY	-0.620-	-1 5.75 -	-0.120-		- 0.4 00-	- 10.16		POLY	BAG	S	 	ов		
	- 78594-XYY -	-0.7 60 -	-19.30 -	-0 .120 -		- 0.540 -	- 13.72		POLY	BAG	<u>S</u>	 	ов		
<u>A</u>	79429-XYY	-0.6 9 5-	-17.65-	-0.120-		- 0.475 -	12.07		POLY	BAG	<u>S</u>	 	ов		
	79978-XYY	-0.450-	-11:43-	-0.120-		- 0.230 -	5.84	₽0	LY-BAG	/5/ Ŧ	UBES-	 7	ов		
	-86505XYY-	-0.440-	-11:18-	-0.120-		- 0.220 -	5.59		POLY	BAG	S	 	ов		
	<u>87036-XYY</u>	-0.8 <u>30</u> -	-21:08-	-0.120-		- 0.610 -	15.49		POLY	BAG	S	 	ов		
\bigcirc	87068-XYY	-0.530-	-1 3.46 -	-0.1-15-	2.92	- 0.315 -	8.00		POLY	BAG	S	 	ов		
\bigcirc		-1.000-	-2 5 :40-	-0.120-		- 0:780 -	19.81		POLY	BAG	S	 	ов		
	87452-XYY	0.840	21.34	0.120	3.05	0.620	15.75		POLY	BAG	S	—			
	<u>87453-XYY</u>	-0.9 90 -	-2 5 :15-	-0.120-		-0.770-	- 19.56		POLY	BAG	S	 	ов		
	87918-XYY	-0.7 3 0-	-1 8.54	-0.120-		- 0:510 -	- 12.95		POLY	BAG	S	 	ов		
	<u>90603-XYY</u>	-0.430-	-1 0.9 2-	-0.100-		- 0.230 -	5.84		POLY	BAG	S	 	ов		
B	<u>90610-XYY</u>	-0 .927 -	-2 3.55 -	-0.100-		0.727-	18.47		POLY	BAG	S	 	ов		
сот	94549XYYH	-0.415-	-10.54-	-0.085-		- 0.230 -	5.84		POLY	BAG	S	 	ов		
	69190-XYY001HLF	0.425	10.80	0.095	2.41	0.230	5.84		POLY	BAG	S	_	NOTE	1,11	

2

3

1

FClconnect.

<u>c</u>

Copyright FCI

D

form: A3

	- +-																					'	1
i ma'	it'l. c	ວode	,	surface / tolerance						[pro ³	jectio	on '	[pro/	duct	t far						I	1	
í					ISO 1	<u>130</u>	י <u>ע ג</u> נ	ISO 1	<u>1101</u>	'	ID	<u>.</u>	ユ '	L			BEF	RGST	í <u>lK</u>			'	1
ltr	ecn	n no	dr	date	tolero	Inces	s unless o	-		ecified	ĽŸ	二	<u>J</u> '	title	e								1
AN			(\Box)	1			, <u> </u>	J X	0(±01/)X±0	.0.3 '	IINC	сн/м	MM '	1	RE	RGS	אודג	. П	HE	'AD'	FR	I	1
('		\rightarrow	, 	í	angle	3S .	linear	1 .00/	(±005/.004	.t0.13	1 -	<u></u>	-									[']	1
\square				1	0°±2	2	, I	1,00001	10020/XV	.X±0.051	l scal	le 1	:1	1.11	20/	/2.5	4נ	SR	<u>- </u>	1			
\square			\Box	ſ	dr		D. WHITI	ING_	4/1	19/93				dwc	g no	,		s	heet	ί 4 ς	of 4	size	4
\Box			\square	í <u> </u>	engr	engr T.HANNA 4				9/93	IF	C.	. Î. '	1		c	20-	19(\cap		,	1.	1
\square'			(\Box)	ı	chr [·]	(T. '	BREWB	AKER	4/1	9/93		E	<i>"</i> /	1			72	19,	J		/	A3	1
('		\neg	, 	1	appd	4	T.HANN	VA '	4/1	9/93	1	J	/ 1	type	e '	Prod	Juct	Cue	stom	ier l	Draw	ving	1
she	et	revi	ision	1	1	\square	, T	1	<u> </u>	(, —,				I		1	ı			1
lind	index sheet			+ - 1		1	1				\square	·	\square	\square			\square			\square		1 0	
4 PDS: Rev : AN STATUS Released Printed: Oct 29, 2											201	3											

51

6

В

с