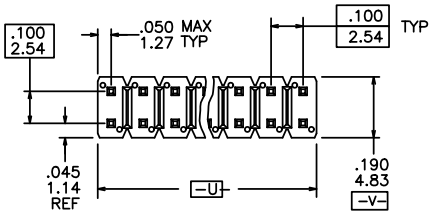
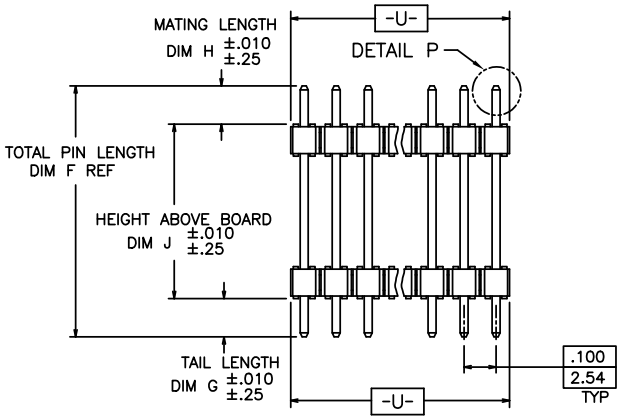
PRODUCT NUMBER

XXXXX–XYY H TLF

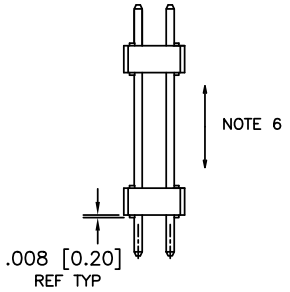
- TLF — LEAD FREE OPTION SEE NOTE 1
- TLF — TUBE PACKAGING OPTION SEE NOTE 1
- H — HIGH TEMPERATURE PLASTIC SEE NOTE 1
- YY — NO OF POSITIONS SEE NOTE 1
- X — PIN PLATING SEE SHEET 2
- XXXXX — BASE PART NO.



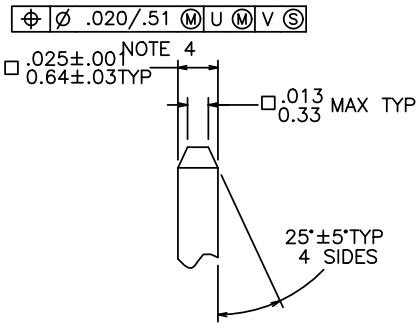
TOP VIEW



SIDE VIEW



END VIEW



DETAIL P
TYP BOTH ENDS

rev	ecn no	dr	date
BA	V20558	GIP	3/21/02
BB	V20804	GIP	7/09/02
BC	N05-0027	MHT	2/14/05
BD	M06-0270	AEA	7/17/06
BE	M06-0346	MHT	9/4/06
BF	M08-0291	MHT	10/08/08
BG	N11-0118	J.Z	2011-04-14

www.fciconnect.com

surface 6.4 ISO 1302 | tolerance std ISO 406 ISO 1101 | projection | INCH/MM

TOLERANCES UNLESS OTHERWISE SPECIFIED

Dr	T. BREWBAKER	4/10/95	ANGULAR	LINEAR	0.X	±0.3
Eng	T. HANNA	4/10/95			0.XX	±0.15
Chr	T. HANNA	4/10/95	0° ±2°		0.XXX	±0.05
Appr	T. HANNA	4/10/95	Product family BERGSTIK			

size A4 | Scale 1.000 | ECN N11-0118 | Spec ref

title: BERGSTIK® II HDR. D/R .100 R.R. TRACK SELF-RET

dwg no 86823 | Rev. BG

catalog no | CUSTOMER | sheet 1 of 5

Copyright FCI.

REV F - 2006-04-17

PDM: Rev:BG STATUS: Released Printed: Apr 20, 2011

PIN PLATING CODES:	
XXXXX–1YY	30u"/0.76u MIN (SEE NOTE 16) OVER 50u"/1.27u MIN Ni
XXXXX–2YY	15u"/0.38u MIN (SEE NOTE 16) OVER 50u"/1.27u MIN Ni
XXXXX–3YY	50u"/1.27u MIN (SEE NOTE 16) OVER 50u"/1.27u MIN Ni
XXXXX–4YY XXXXX–4YYHLF	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 17)
XXXXX–5YY	15u"/0.38u MIN (SEE NOTE 16) OVER 50u"/1.27u MIN Ni
XXXXX–6YY	30u"/0.76u MIN (SEE NOTE 16) OVER 50u"/1.27u MIN Ni
XXXXX–7YY	30u"/0.76u MIN (SEE NOTE 16) OVER 50u"/1.27u MIN Ni
XXXXX–8YY	15u"/0.38u MIN (SEE NOTE 16) OVER 50u"/1.27u MIN Ni
XXXXX–9YY	15u"/0.38u MIN (SEE NOTE 16) OVER 50u"/1.27u MIN Ni
XXXXX–0YY	30u"/0.76u MIN (SEE NOTE 16) 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.

NUMBER OF POSITIONS :
ANY NUMBER OF POSITIONS FROM 4 (2X2) THRU 72 (2X36).

PACKAGING :
NO INDICATOR IS STANDARD PACKAGING IN POLY BAGS.
PACKAGED IN POLYBAGS.
EIGHT DIGIT PART NUMBERS FOLLOWED BY A "T" ARE PACKAGED IN TUBES. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

LEAD FREE :
ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION, NOT AVAILABLE FOR –5YY,–5YYH, –6YY & –6YYH

(2) BODY MATERIAL :
BERGSTIK: 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) ALL PARTS ±.010/±.25 TOL. ON DIM J EXCEPT P/N 87826 WHICH ±.005/.13 APPLIES.

(8) RETENTION FEATURES ARE LOCATED AT ENDS OF PARTS AND IN APPROXIMATE CENTER OF PART ON "G" TAIL ONLY.

9. "D" SUFFIX INDICATES TIN/LEAD DIPPED PLATING OVER STANDARD PLATING ON "G" TAIL SIDE ONLY.

XXXXX – XYYHD
- SPECIAL PLATING
- HIGH TEMP OPTIONAL
- NO. OF POSITIONS
- PIN PLATING
- BASE PART NUMBER

– SOLDER COATING SHOULD BE TIN–LEAD IN ACCORDANCE WITH MIL–P–81728. COATING SHOULD BE SMOOTH, FINE GRAINED, AND CONTINUOUS, AND FREE OF BLISTERS, PITS, NODULES OR EXCESSIVE BUILDUP, FLUX RESIDUES OR OTHER STAINS, MECHANICAL DAMAGE, UNCOATED OR DEWETTED AREAS (WITH THE EXCEPTION OF TWO TRIMMED SIDES OF PIN TIP) RESIDUAL SALTS, OR OTHER DEFECTS.

– COATING SHOULD COVER ALL OF DIMENSION "G" AT A MIN., BUT SHOULD NOT EXTEND ABOVE THE PLASTIC HOUSING.

– COATING SHOULD PASS SOLDERABILITY PER BUS–19–002 WITH PRETREATMENT.

– THERE SHOULD BE NO SIGNS OF HEAT DEFORMATION OF THE PLASTIC. PIN TO HOUSING RETENTION SHOULD BE .5 LBS. MIN.

(10) RETENTION FEATURES ARE LOCATED AT POSITIONS 2, 18 AND 35 ON "G" TAIL ONLY.

(11) AVAILABLE IN 72 (2x36) PINS ONLY.

(12) RETENTION FEATURES ARE LOCATED ON "G" TAIL AT ENDS OF PART ONLY.

(13) SECTION R–R DIMENSIONS APPLY TO SPECIFIED ENDS OF RETENTION PIN POSITIONS ONLY. SEE PRODUCT PART NUMBER FOR SINGLE OR DUAL SIDE RETENTION. LOCATED AT MANUFACTURES OPTION.

14. 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.

(15) THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS–22–008.

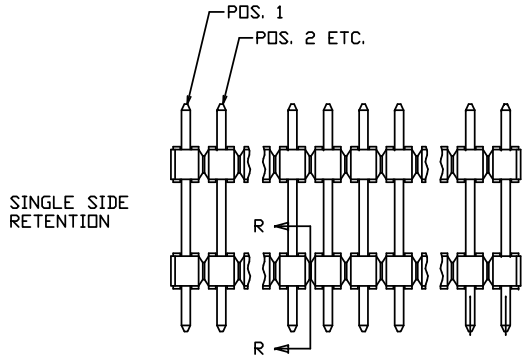
(16) PLATING OPTIONS:
PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL, OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.

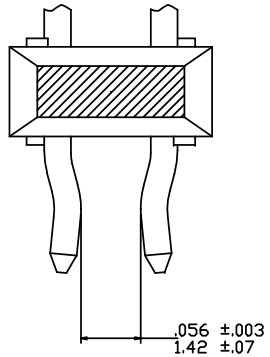
(17) "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101	projection	INCH/MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	T. BREWBAKER	4/10/95	ANGULAR	LINEAR	0.X ±0.3	size A4	Scale 1.000
Eng	T. HANNA	4/10/95			0.XX ±0.15		
Chr	T. HANNA	4/10/95	0° ±2°		0.XXX ±0.05	ECN	N11–0118
Appr	T. HANNA	4/10/95	Product family	BERGSTIK		Spec ref	
title	BERGSTIK® II HDR. D/R .100 RR TRACK SELF–RET					dwg no 86823	Rev. BG
catalog no						CUSTOMER	sheet 2 of 5

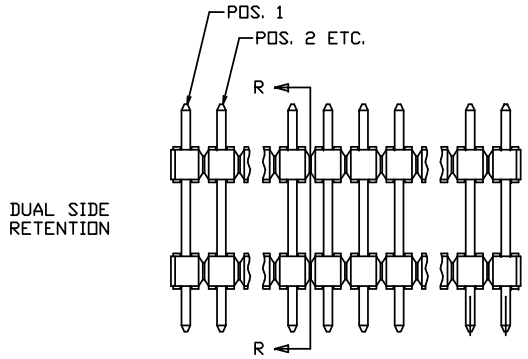
Copyright FCI.

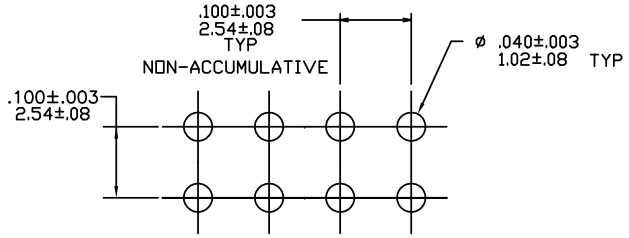
REV F – 2008–04–17





SECTION R-R
NOTE 13





RECOMMENDED HOLE PATTERN

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection	INCH/MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	T. BREWBAKER	4/10/95	ANGULAR	LINEAR	0.X	±0.3	size A4	Scale 1.000
Eng	T. HANNA	4/10/95			0.XX	±0.15		
Chr	T. HANNA	4/10/95	0°	±2°	0.XXX	±0.05	ECN	N11-0118
Appr	T. HANNA	4/10/95	Product family		BERGSTIK		Spec ref	
title	BERGSTIK® II HDR. D/R .100 RR TRACK SELF-RET				dwg no	86823		Rev. BG
catalog no					CUSTOMER		sheet 3 of 5	

Copyright FCI.

PRODUCT NUMBER	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		HEIGHT ABOVE BOARD						LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	DIM J	DIM J	RETENTION	SIZES			
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	FEATURES	AVAILABLE	PACKAGING	NOTES	
60022-XYYH	1.178	29.92	0.120	3.05	0.290	7.37	0.768	19.51	NOTE 8	NOTE 1	POLY BAGS	–	NOTE 1,15
71259-XYYH	0.740	18.80	0.120	3.05	0.230	5.84	0.390	9.91	NOTE 8	NOTE 1	POLY BAGS	–	
71260-XYYH	0.965	24.51	0.120	3.05	0.395	10.03	0.450	11.43	NOTE 8	NOTE 1	POLY BAGS	–	
71278-XYYH	0.574	14.58	0.120	3.05	0.230	5.84	0.224	5.69	NOTE 8	NOTE 1	POLY BAGS	–	
71733-XYYH	0.920	23.37	0.120	3.05	0.200	5.08	0.600	15.24	NOTE 8	NOTE 1	POLY BAGS	–	
71794-XYYH	0.780	19.81	0.100	2.54	0.230	5.84	0.450	11.43	NOTE 8	NOTE 1	POLY BAGS/TUBES	–	
72249-XYYH	1.120	28.45	0.120	3.05	0.500	12.70	0.500	12.70	NOTE 8	NOTE 1	POLY BAGS	–	
72371-XYYH	1.262	32.05	0.120	3.05	0.315	8.00	0.827	21.01	NOTE 8	NOTE 1	POLY BAGS	–	
72520-XYYH	1.000	25.40	0.120	3.05	0.400	10.16	0.480	12.19	NOTE 8	NOTE 1	POLY BAGS	–	
74373-XYYH	0.740	18.80	0.120	3.05	0.180	4.57	0.440	11.18	NOTE 8	NOTE 1	POLY BAGS	–	
74808-XYYH	0.630	16.00	0.120	3.05	0.225	5.72	0.285	7.24	NOTE 8	NOTE 1	POLY BAGS	–	
84736-XYYH	1.030	26.16	0.110	2.79	0.120	3.05	0.800	20.32	NOTE 8	NOTE 1	POLY BAGS	–	
86823-XYY	0.760	19.30	0.120	3.05	0.250	6.35	0.390	9.91	NOTE 8	NOTE 1	POLY BAGS	–	
87048-XYY	1.340	34.04	0.120	3.05	0.295	7.49	0.925	23.50	NOTE 8	NOTE 1	POLY BAGS	–	
87432-XYY	U N A V A I L A B L E												
87450-XYY	0.840	21.34	0.120	3.05	0.120	3.05	0.600	15.24	NOTE 8	NOTE 1	POLY BAGS	–	
87451-XYY	0.990	25.15	0.120	3.05	0.120	3.05	0.750	19.05	NOTE 8	NOTE 1	POLY BAGS	–	
87592-XYY	0.595	15.11	0.120	3.05	0.255	6.48	0.220	5.59	NOTE 8	NOTE 1	POLY BAGS	–	
87826-XYY	0.585	14.86	0.120	3.05	0.230	5.84	0.235	5.97	NOTE 8	NOTE 1	POLY BAGS	NOTE 7	
87919-XYY	0.830	21.08	0.120	3.05	0.290	7.37	0.420	10.67	NOTE 8	NOTE 1	POLY BAGS	–	
88715-XYY	0.640	16.26	0.120	3.05	0.210	5.33	0.310	7.87	NOTE 8	NOTE 1	POLY BAGS	–	
88808-XYY	0.550	13.97	0.120	3.05	0.230	5.84	0.200	5.08	NOTE 8	NOTE 1	POLY BAGS	–	
89543-XYY	1.060	26.92	0.120	3.05	0.365	9.27	0.575	14.61	NOTE 8	NOTE 1	POLY BAGS	–	
89579-XYY	0.930	23.62	0.120	3.05	0.310	7.87	0.500	12.70	NOTE 8	NOTE 1	POLY BAGS	–	
89696-XYY	0.940	23.88	0.120	3.05	0.280	7.11	0.540	13.72	NOTE 8	NOTE 1	POLY BAGS	–	
91886-X72	0.829	21.06	0.120	3.05	0.197	5.00	0.512	13.00	NOTE 10	NOTE 11	POLY BAGS	–	
92028-XYY	1.183	30.05	0.120	3.05	0.373	9.47	0.690	17.53	NOTE 8	NOTE 1	POLY BAGS	–	
92663-XYY	0.800	20.32	0.120	3.05	0.230	5.84	0.450	11.43	NOTE 8	NOTE 1	POLY BAGS	–	NOTE 1,15

Copyright FCI.

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101	projection	INCH/MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	T. BREWBAKER	4/10/95	ANGULAR	LINEAR	0.X ±0.3	size A4	Scale 1.000
Eng	T. HANNA	4/10/95			0.XX ±0.15		
Chr	T. HANNA	4/10/95	0° ±2°		0.XXX ±0.05	ECN	N11-0118
Appr	T. HANNA	4/10/95	Product family	BERGSTIK		Spec ref	
title	BERGSTIK® II HDR. D/R .100 RR TRACK SELF-RET				dwg no 86823		Rev. BG
catalog no					CUSTOMER		sheet 4 of 5

REV F - 2006-04-17

PDM: Rev:BG STATUS: Released Printed: Apr 20, 2011

PRODUCT NUMBER	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		HEIGHT ABOVE BOARD						
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	DIM J	DIM J	RETENTION	SIZES			LF
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	FEATURES	AVAILABLE	PACKAGING	NOTES	OPTION
93968-XYYH	0.813	20.65	0.120	3.05	0.318	8.08	0.375	9.53	NOTE 8	NOTE 1	POLY BAGS	-	NOTE 1,15
93975-XYYH	1.365	34.67	0.120	3.05	0.330	8.38	0.915	23.24	NOTE 12	NOTE 1	POLY BAGS	-	
93978-XYY	1.015	25.78	0.085	2.16	0.230	5.84	0.700	17.78	NOTE 8	NOTE 1	POLY BAGS	-	
94536-XYYH	1.290	32.77	0.120	3.05	0.255	6.48	0.915	23.24	NOTE 12	NOTE 1	POLY BAGS	-	
94618-XYYH	0.820	20.83	0.120	3.05	0.400	10.16	0.300	7.62	NOTE 8	NOTE 1	POLY BAGS	-	
94622-XYYH	0.700	17.78	0.120	3.05	0.330	8.38	0.250	6.35	NOTE 8	NOTE 1	POLY BAGS	-	
95034-XYYH	1.265	32.13	0.120	3.05	0.395	10.03	0.750	19.05	NOTE 8	NOTE 1	POLY BAGS	-	
95090-XYYH	1.040	26.42	0.120	3.05	0.255	6.48	0.665	16.89	NOTE 8	NOTE 1	POLY BAGS	-	
95606-XYYH	1.115	28.32	0.120	3.05	0.395	10.03	0.600	15.24	NOTE 8	NOTE 1	POLY BAGS	-	
95639-XYYH	0.950	24.13	0.120	3.05	0.230	5.84	0.600	15.24	NOTE 12	NOTE 1	POLY BAGS	-	
95708-XYYH	0.715	18.16	0.120	3.05	0.395	10.03	0.200	5.08	NOTE 8	NOTE 1	POLY BAGS	-	
95778-XYYH	1.410	35.81	0.120	3.05	0.230	5.84	1.060	26.92	NOTE 8	NOTE 1	POLY BAGS	-	
95779-XYYH	0.660	16.76	0.120	3.05	0.230	5.84	0.310	7.87	NOTE 8	NOTE 1	POLY BAGS	-	
98038-XYYH	1.430	36.32	0.100	2.54	0.330	8.38	1.000	25.40	NOTE 8	NOTE 1	POLY BAGS	-	
10004337-XYYH	1.000	25.4	0.120	3.05	0.289	7.34	0.591	15.01	NOTE 8	NOTE 1	POLY BAGS	-	NOTE 1,15

Copyright FCI.

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101	projection	INCH/MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	T. BREWBAKER	4/10/95	ANGULAR	LINEAR	0.X ±0.3	size A4	Scale 1.000
Eng	T. HANNA	4/10/95			0.XX ±0.15		
Chr	T. HANNA	4/10/95	0° ±2°		0.XXX ±0.05	ECN	N11-0118
Appr	T. HANNA	4/10/95	Product family	BERGSTIK		Spec ref	
title	BERGSTIK® II HDR. D/R .100 RR TRACK SELF-RET				dwg no 86823		Rev. BG
catalog no					CUSTOMER		sheet 5 of 5

REV F - 2006-04-17

PDM: Rev:BG STATUS: Released Printed: Apr 20, 2011

ООО «НИОКРсистемс» - это оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов. Реализуемая нашей компанией продукция насчитывает более полумиллиона наименований.

Благодаря этому наша компания предлагает к поставке практически не ограниченный ассортимент компонентов как оптовыми, мелкооптовыми партиями, так и в розницу.

Благодаря развитой сети поставщиков, помогаем в поиске и приобретении экзотичных или снятых с производства компонентов.

Наша компания это:

- Гарантия качества поставляемой продукции
- Широкий ассортимент
- Минимальные сроки поставок
- Техническая поддержка
- Подбор комплектации
- Индивидуальный подход
- Гибкое ценообразование
- Работаем по 275 ФЗ

ООО «НИОКР СИТЕМС»
Москва, 125362, Россия, ул. Вишневая, д. 9, к. 1, Блок 104 а и 104 в

Телефон: 8 (495) 268-14-82
Email: n@nsistems.ru

ИНН: 7735154786
ОГРН: 1167746717709