

XXXXX-XYX HTLF

[illegible]

NOTE 3

.030 TYP REF
0.76

.120 REF
3.05

.156
3.95




SECTION R-R
SCALE: 2/1
NOTE 1

Technical drawing of a pin connector showing dimensions and labels:

- DIM H ±.008**: Dimension for the height of the mating length.
- 0.20**: Dimension for the mating length.
- MATING LENGTH**: Label for the mating length dimension.
- DIM F REF**: Dimension for the total pin length.
- TOTAL PIN LENGTH**: Label for the total pin length dimension.
- .120 ±.010**: Dimension for the tail length.
- 3.05 ±.025**: Dimension for the tail length.
- TAIL LENGTH**: Label for the tail length dimension.
- .115 REF**: Dimension for the reference length.
- 2.92 REF**: Dimension for the reference length.
- R**: Radius dimension for the curved section.
- P**: Pitch dimension for the curved section.

RECOMMENDED HOLE PATTERN
SCALE: 2/1

DETAIL P
SCALE: 4/1
TYP BOTH ENDS

mat'l. code SEE NOTE 5				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified								title	
K	V41484	HTB	10/21/94	angles	linear	.XX±.01/.3		 INCH/MM	scale 1:1	BERGSTIK® II HEADER T/R .100/2.54CC SELF-RET.			
J	V70892	HTB	8/05/97			.XXX±.005/.13							
L	V71402	HTB	9/29/97			.XXXX±.0020/.051							
M	V20805	GIP	7/11/02	dr	G. HULL	8/08/94				dwg no		sheet 1 of 2	size
N	M05-0175	ERE	8/10/05	enrg	T. HANNA	8/08/94				69194		A.	
P	M06-0269	MNR	7/17/06	chr	T. HANNA	8/08/94							
R	M06-0356	MHT	9/08/06	appd	T. HANNA	8/08/94				type Product Customer Drawing			
sheet index	revision sheet	R	R										
		1	2										

PRODUCT NO NOTE 10	TOTAL PIN LENGTH DIM F	MATING LENGTH DIM H	NOTES	PACKAGING
69194-XY	.465/11.81	.230/5.84	-	POLYBAGS/TUBES
79298-XY	.553/14.05	.318/8.08	10	POLYBAGS
91277-XY		UNAVAILABLE		
69194-XYHLF	.465/11.81	.230/5.84	-	POLYBAGS/TUBES
79298-XYHLF	.553/14.05	.318/8.08	10	POLYBAGS
91277-XYHLF		UNAVAILABLE		

PIN PLATING CODES	
XXXXX-1YY	30u"/0.76u MIN (SEE NOTE 14) OVER 50u" /1.27u MIN Ni
XXXXX-2YY	15u"/0.38u MIN (SEE NOTE 14) OVER 50u" /1.27u MIN Ni
XXXXX-3YY	50u"/1.27u MIN Au OVER 50u" /1.27u MIN Ni
XXXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 15)
XXXXX-4YYHLF	
XXXXX-5YY	15u"/0.38u MIN (SEE NOTE 14) OVER 50u" /1.27u MIN Ni
XXXXX-6YY	30u"/0.76u MIN (SEE NOTE 14) OVER 50u" /1.27u MIN Ni

NOTES:

- SECTION R-R DIMENSIONS APPLY TO RETENTION PIN POSITIONS ONLY. LOCATED AT MANUFACTURER'S OPTION.
- MEASURED WITH PART IN RESTRAINED CONDITION.
- 2 Lbs / 0.9 Kg MIN PIN RETENTION IN EITHER DIRECTION.
- TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS.
- BODY MATERIAL: PCT, GLASS FIBER REINFORCED, FLAME RETARDENT PER UL-94V-0. COLOR: BLACK. FOR HIGH-TEMPERATURE APPLICATIONS, SPECIFY AN "H" AT THE END OF THE PART NUMBER TO INDICATE HIGH TEMPERATURE PLASTIC IS SUPPLIED. PIN MATERIAL: PHOS-BRONZE.
- 5 LB / 2.3 KG MAX INSERTION FORCE AND .25 LB/.1 KG MIN RETENTION FORCE PER RETENTIVE PIN USING .062/1.57 THICK CIRCUIT BOARDS AND RECOMMENDED HOLE PATTERN.
- ANY NUMBER OF POSITIONS PER ROW FROM 3 (3X3) THRU 36 (3X36).
- PACKAGED IN POLYBAGS.
- PACKAGE EIGHT-DIGIT PART NUMBERS FOLLOWED BY A "T" IN SLIDE TUBES. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.
- PART NUMBER 79298-126 INCLUDES EXTRA RETENTION POSITIONS ON ENDS.
- PART NUMBERS WITH "HLF" SUFFIX AT THE END ARE LEAD FREE.
- THESE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- 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.
- PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.
- "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
-				ISO 1302	ISO 406 ISO 1101		BERGSTIK
ltr	ec	no	dr	date	tolerances unless otherwise specified		title
R					angles linear	INCH/MM	BERGSTIK® II HEADER T/R
					0°±2'	scale 1:1	.100/2.54CC SELF-RET.
					dr G. HULL 8/08/94	FCI	dwg no
					enrg T. HANNA 8/08/94		sheet 2 of 2 size
					chr T. HANNA 8/08/94		69194 A3
					appd T. HANNA 8/08/94		type Product Customer Drawing
sheet index	revision sheet						

form: A3