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PRODUCT NUMBER

XXXXX-YYY HLF

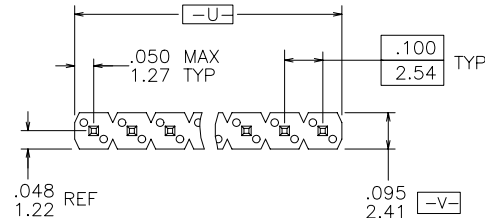
LEAD FREE OPTION
SEE NOTE 1,11

HIGH TEMPERATURE PLASTIC
SEE NOTE 1

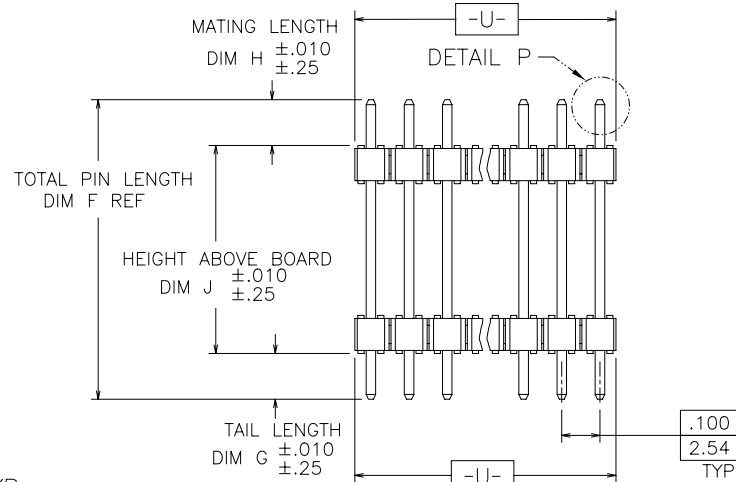
NO OF
POSITIONS
SEE NOTE 1

PIN PLATING
SEE SHEET 2

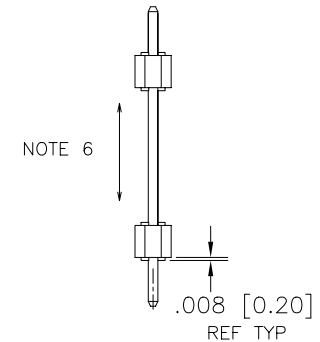
BASE PART NO.



TOP VIEW



SIDE VIEW



END VIEW

⊕ ∅ .020/.51 (M) U (M) V (S)

□ .025±.001
0.64±.03 TYP

NOTE 4

□ .013
0.33 MAX TYP

25°±5° TYP
4 SIDES

DETAIL P
TYP BOTH ENDS

mat'l. code NOTE 2 & 3				surface ISO 1302 ✓			tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK				
ltr	ecn	no	dr	date	tolerances unless otherwise specified							title			
V	V71403	HTB		10/02/97	angles	linear	.XX ±.01/.3			INCH/MM	BERGSTIK® II HEADER				
W	V81367	HTB		7/31/98			.XXX ±.005/.13				.100 SR SELF-RT. RR				
X	V81404	HTB		8/12/98			.XXXX ±.0020/.051				scale 2:1				
Y	V82031	EPK		11/11/98	dr	T. BREWBAKER	4/22/94			dwg no		sheet 1 of 4		size	
AA	V20792	GIP		4/25/02	enr	T. HANNA	4/22/94			86504		A3			
AB	M05-0027	MHT		4/21/05	chr	J. MURPHY	4/22/94								
AC	M06-0270	AEA		7/14/06	appd	T. HANNA	4/22/94								
sheet	revision	AC	AC	AC							type Product Customer Drawing				
index	sheet	1	2	3	4										

PIN PLATING CODES:	
XXXX-1YY	30u"/0.76u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXX-2YY	15u"/0.38u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXX-3YY	50u"/1.27u MIN Au OVER 50u"/1.27u MIN Ni
XXXX-4YY	
XXXX-4YYHLF	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 1,13)
XXXX-5YY	15u"/0.38u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXX-6YY	30u"/0.76u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXX-7YY	30u"/0.76u MIN Au OVER 50u"/1.27u MIN Ni
XXXX-8YY	15u"/0.38u MIN Au OVER 50u"/1.27u MIN Ni
XXXX-9YY	15u"/0.38u MIN GXT OVER 50u"/1.27u MIN Ni
XXXX-0YY	30u"/0.76u MIN GXT OVER 50u"/1.27u MIN Ni

NOTES

①. PART NUMBER OPTIONS:

PIN PLATING CODES (SEE ABOVE)

HIGH TEMPERATURE MATERIAL:

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

NUMBER OF POSITIONS :

ANY NUMBER OF POSITIONS FROM 3 THRU 36.

PACKAGING:

PACKAGED IN POLY BAGS.

LEAD FREE:

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

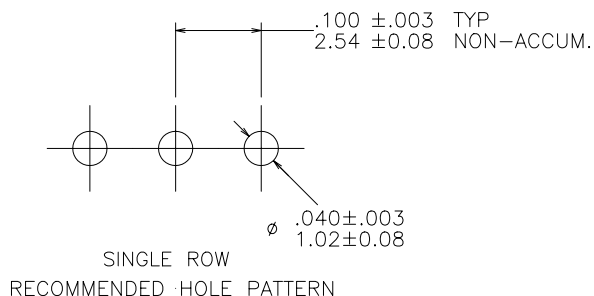
②. BODY MATERIAL:

BODY MATERIAL : MANUFACTURER'S OPTION OF NYLON OR PCT, GLASS FIBER REINFORCED, FLAME RETARDANT PER UL-94V-0. COLOR: BLACK

BERGSTRIPTM PRODUCED WITH HIGH TEMPERATURE LCP THERMOPLASTIC, FLAME RETARDANT 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.

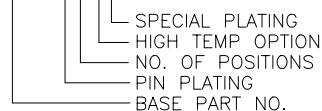
④ MEASURED WITH PART IN RESTRAINED CONDITION.

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

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

7. 'D' SUFFIX INDICATES TIN-LEAD DIPPED PLATING OVER STANDARD PLATING ON 'G' DIM TAIL SIDE ONLY.

XXXX-XXYYHD



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 BUILD-UP. 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 MINIMUM 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. MINIMUM.

⑧. SPECIAL 2 POSITION PART NUMBER FOR MOTOROLA ONLY. SEE DETAIL "N".

⑨. 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.

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.

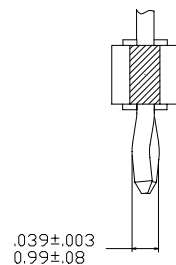
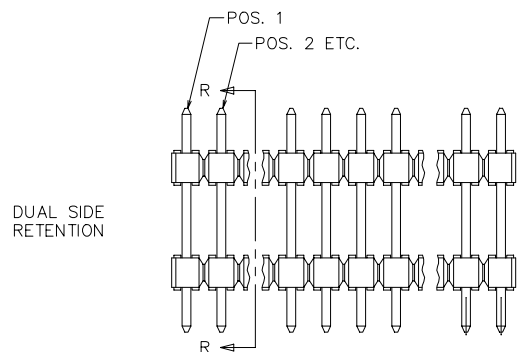
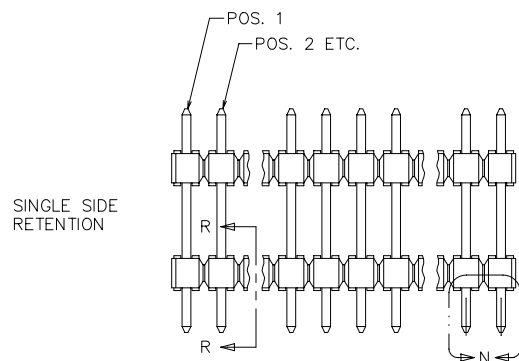
⑬. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302 ✓		ISO 406		ISO 1101		BERGSTIK	
litr ecn no dr date		tolerances unless otherwise specified		linear		INCH/MM		title	
AC		.XX ±.01/.3		.XXX ±.005/.13		scale 1:1		BERGSTIK® II HEADER	
		.000 ±.0020/.051						.100 SR SELF-RT. RR	
		dr T. BREWBAKER 8/05/94						dwg no	
		enr T. HANNA 8/05/94						sheet 2 of 4 size	
		chr J. MURPHY 8/05/94						86504 A3	
		app T. HANNA 8/05/94						type Product Customer Drawing	
sheet index		revision sheet							

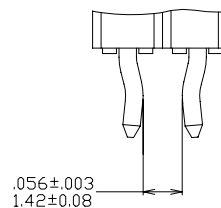


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SECTION R-R
NOTE 9



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 1:1 FCI	title BERGSTIK® II HEADER .100 SR SELF-RT. RR
AC					angles linear .XX ±.01/.3 .XXX ±.005/.13 .XXXX ±.0020/.051		dwg no 86504
					dr E. KROPIEWNICKI 7/31/96 enr T. BREWBAKER 7/31/96 chr T. BREWBAKER 7/31/96 app T. BREWBAKER 7/31/96		sheet 3 of 4 size A3
sheet index	revision sheet						type Product Customer Drawing

