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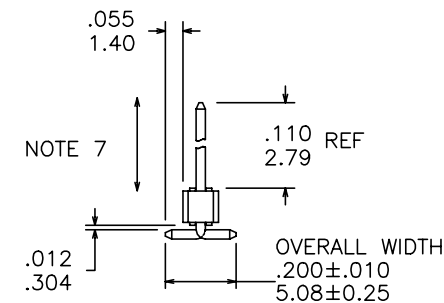
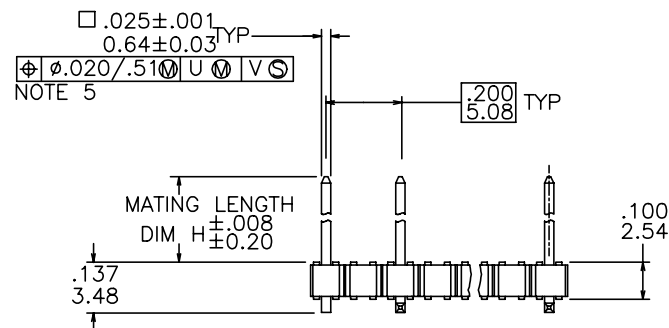
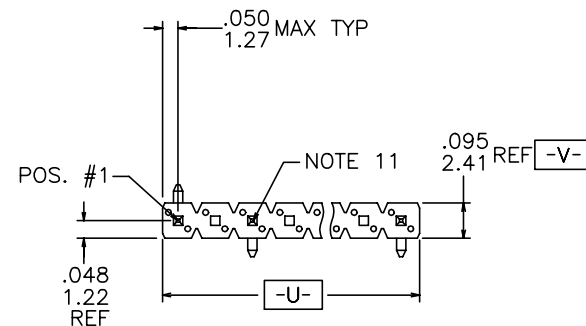
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PRODUCT NO.

XXXXXXXX-YYYHLF

LEAD FREE OPTION (SEE NOTE 1,8)

HIGH TEMPERATURE PLASTIC
(SEE NOTE 1)NO. OF
POSITIONS
(SEE NOTE 4)PIN PLATING
(SEE SHT 2)BASE PART NO.
(SEE SHT 2)

mat'l. code		surface		tolerance		projection		product family	
NOTES 2 & 3		ISO 1302 ✓		ISO 406 ISO 1101		INCH/MM		BERGSTIK	
ltr	ecn nodr	date		tolerances unless otherwise specified		title		BERGSTIK® II HEADER	
A	M06-0493	MHT	6/27/06	angles	linear	.XX±.01/.XX±0.3		POL. .200 SR VERT. SMT	
B	M07-0102	AGS	2/12/07			.XXX±.005/.XXX±0.13			
C	M08-0279	MHT	9/30/08	0°±2°		.XXXX±.0020/.XXXX±0.051			
D	M09-0096	MHT	4/23/09	dr	M.HERNANDEZ	6/27/06		dwg no	
E	BLX-H-16105	ZK	10/22/13	engr	S.FIERRO	6/27/06		sheet 1 of 2	
				chr	S.FIERRO	6/27/06		size	
				appd	S.FIERRO	6/27/06		A3	
sheet		revision				type		Product Customer Drawing	
index		sheet		1 2					

PDS: Rev :E

STATUS: Released

Printed: Oct 29, 2013

PRODUCT NUMBER	MATING LENGTH DIM H	POLARIZED POSITION	PACKAGING
10070186-X03HLF	.110/2.80	2	POLY BAGS
10070186-X05HLF		2,4	
10070186-X07HLF		2,4,6	
10070186-X09HLF		2,4,6,8	
10070186-X11HLF		2,4,6,8,10	
10070186-X13HLF		2,4,6,8,10,12	
10070186-X15HLF		2,4,6,8,10,12,14	
10070186-X17HLF		2,4,6,8,10,12,14,16	
10070186-X19HLF		2,4,6,8,10,12,14,16,18	
10070186-X21HLF		2,4,6,8,10,12,14,16,18,20	
10070186-X23HLF		2,4,6,8,10,12,14,16,18,20,22	
10070186-X25HLF		2,4,6,8,10,12,14,16,18,20,22,24	
10070186-X27HLF		2,4,6,8,10,12,14,16,18,20,22,24,26	
10070186-X29HLF		2,4,6,8,10,12,14,16,18,20,22,24,26,28,	
10070186-X31HLF		2,4,6,8,10,12,14,16,18,20,22,24,26,28,30	
10070186-X33HLF		2,4,6,8,10,12,14,16,18,20,22,24,26,28,30,32	
10070186-X35HLF	.110/2.80	2,4,6,8,10,12,14,16,18,20,22,24,26,28,30,32,34	POLY BAGS

NOTES:

- ①. PART NUMBER OPTIONS:
PIN PLATING CODES (SEE ABOVE)

PACKAGING:
PACKAGED IN POLYBAGS,

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

HIGH TEMP. MATERIAL:
FOR HIGH-TEMPERATURE APPLICATIONS, SPECIFY AN "H" AT
THE END OF THE PART NUMBER TO INDICATE HIGH-TEMP PLASTIC IS SUPPLIED.

2. BODY MATERIAL:
30% GLASS-FIBER REINFORCED PCT FLAME RETARDANT
PER UL-94V-0. COLOR: BLACK

OR

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

PART NUMBERS WITH "H" SUFFIX
TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN
WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

PART NUMBERS WITHOUT "H" SUFFIX
TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN
WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

- ③. PIN MATERIAL: PHOS-BRONZE.

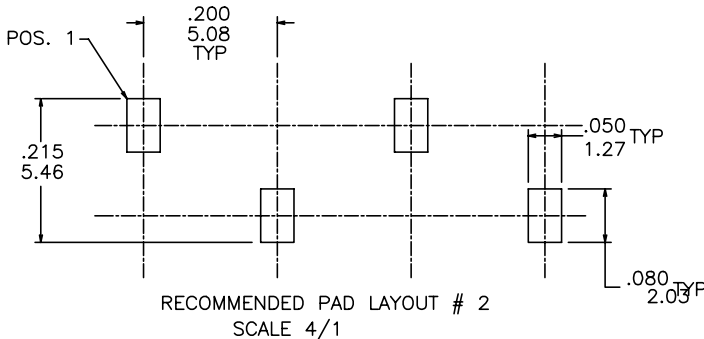
- ④. NUMBER OF POSITIONS FROM 3 THRU 35.

- ⑤. MEASURED WITH PART IN RESTRAINED CONDITION.

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

- ⑦. 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.

PIN PLATING CODES:	
XXXXX-1YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-2YY	15u"/0.38u MIN (SEE NOTE 9) 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 1,10)
XXXXX-4YYLF	
XXXXX-5YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-6YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni



- ⑧. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- ⑨. PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S CHOICE.
- ⑩. "THIS PRODUCT HAS 100%% TIN PLATING IN THE INTERFACE AND
HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT
ENVIRONMENTS."
- ⑪. PINS OMMITED FROM SPECIFIED LOCATIONS FOR POLARIZATION
SEE SPECIFIC PART NUMBERS FOR LOCATION

mat'l. code	surface	tolerance	projection	product family
NOTES 2 & 3	ISO 1302 ✓	ISO 406 ISO 1101		BERGSTIK
ltr/ecn no/dt	date	tolerances unless otherwise specified		title
E		angles	line	BERGSTIK® II HEADER
		0°±2'		POL. .200 SR VERT. SMT
		dr	M.HERNANDEZ	6/27/06
		engr	S.FIERRO	6/27/06
		chr	S.FIERRO	6/27/06
		appd	S.FIERRO	6/27/06
sheet	revision			
index	sheet			