

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10070186-209HLF](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

PRODUCT NO.

XXXXXXXX-XYHLF

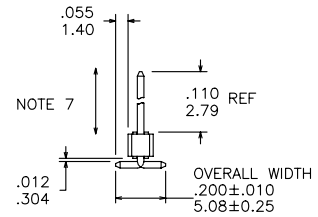
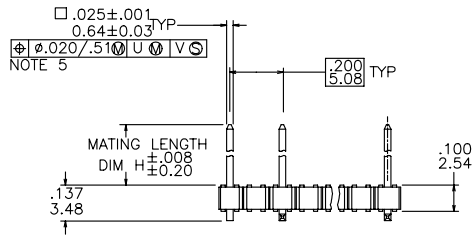
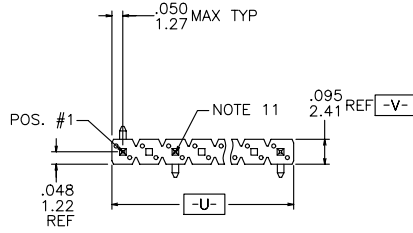
LEAD FREE OPTION (SEE NOTE 1,8)

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		BERGSTIK
ltr ecn nldr date	tolerances unless otherwise specified			title
A M06-0493 MHT 6/27/06	angles	XX±01/XX±03	INCH/MM	BERGSTIK® II HEADER
B M07-0102 AGS 2/12/07	linea	XX±05/XX±13	scale 2:1	POL. .200 SR VERT. SMT
C M08-0279 MHT 9/30/08	0°±2'	XX±02/XX±05		dwg no sheet of 2 size
D M09-0096 MHT 4/23/09	dr M.HERNANDEZ 6/27/06			10070186 A3
E BX-H-16105 ZK 10/22/13	enr S.FIERRO 6/27/06			type Product Customer Drawing
	chr S.FIERRO 6/27/06			
	app S.FIERRO 6/27/06			
sheet index	revision	E		
	sheet	1	2	

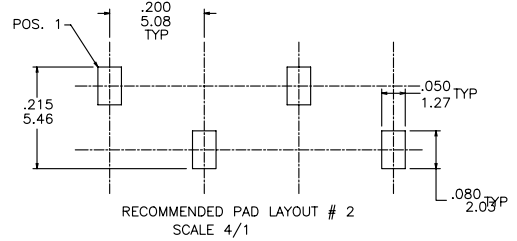
4 PDS: Rev :E

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

PIN PLATING CODES:	
XXXX-1YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-2YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-3YY	50u"/1.27u MIN Au OVER 50u"/1.27u MIN Ni
XXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 1,10)
XXXX-4YYLF	
XXXX-5YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-6YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni



NOTES:

- 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.
- BODY MATERIAL:
30% GLASS-FIBER REINFORCED PCT FLAME RETARDANT PER UL-94V-0. COLOR: BLACK
OR
MINERAL FILLED LCP FLAME RETARDANT 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.
- PIN MATERIAL: PHOS-BRONZE.
- NUMBER OF POSITIONS FROM 3 THRU 35.
- MEASURED WITH PART IN RESTRAINED CONDITION.
- TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS.
- 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.

- THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S CHOICE.
- "THIS PRODUCT HAS 100%% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."
- PINS OMITTED 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		BERGSTIK
ltr ecn nchr date	tolerances unless otherwise specified			title
E	angles	linear	INCH/MM	BERGSTIK® II HEADER
	0±2°	XXX/05/XXX/13	scale 2:1	POL. .200 SR VERT. SMT
	dr	M.HERNANDEZ 6/27/06		dwg no
	engr	S.FIERRO 6/27/06		10070186
	chr	S.FIERRO 6/27/06		type Product Customer Drawing
	appd	S.FIERRO 6/27/06		
sheet index	revision sheet			