

PRODUCT NUMBER

10027011-XYHXL

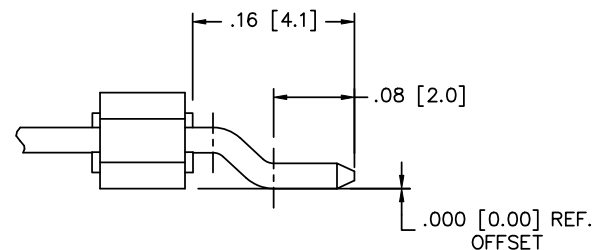
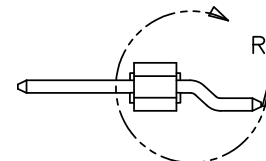
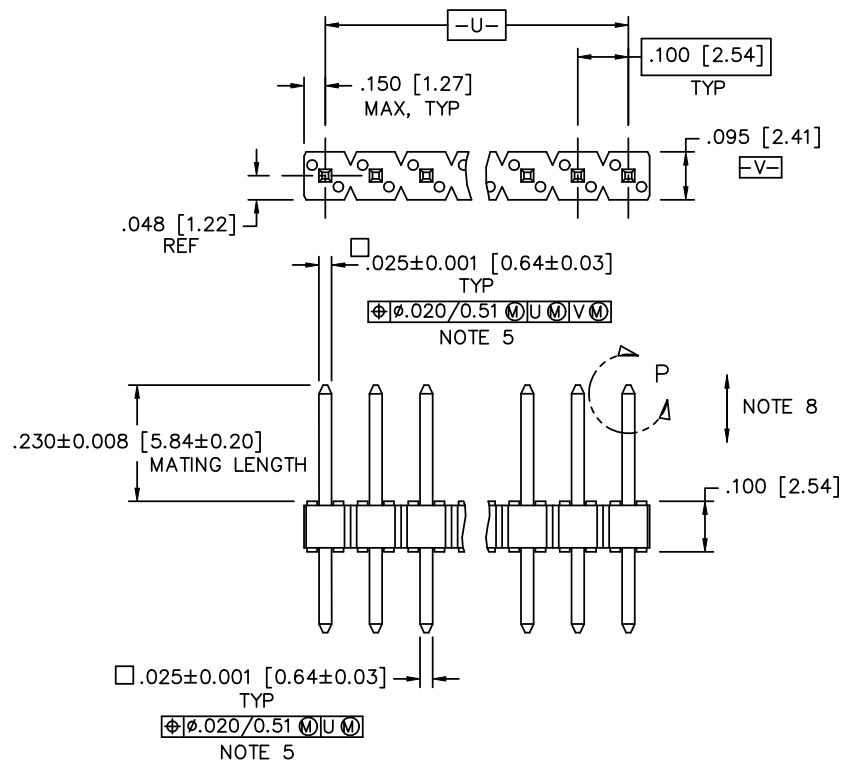
LEAD FREE OPTION (SEE NOTES 11 & 12)

PACKAGING (SEE NOTES 4, 9 & 10)

INDICATES HIGH TEMPERATURE PLASTIC

NO. OF POS. (SEE NOTE 3)

PIN PLATING (SEE SHEET 2)



DETAIL R
SCALE : 2:1

mat'l. code				surface	tolerance	projection	product family
				ISO 1302	ISO 406 ISO 1101		BERGSTIK
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
A	V03-1019	TAB	9/10/03		angles	.XXX±.01/.XXX±0.3	BERGSTIK® II HEADER SR.
B	M05-0222	MHT	10/20/05		linear	.XXX±.005/.XXX±0.13	.100/2.54cc HORIZ. SMT.
C	M06-0271	AGS	7/14/06		0'±2'	.XXX±.0020/.XXX±0.051	
D	M06-0356	MHT	9/08/06	dr	L.POTTEIGER	4/7/03	dwg no
E	M08-0279	MHT	9/30/08	enr	H. SUNDY	4/7/03	sheet 1 of 2 size
F	ECR-ELX-W-012835	DCS	2012-09-13	chr	H. SUNDY	4/7/03	10027011 A3
				appd	H. SUNDY	4/7/03	type Product Customer Drawing
sheet	revision	F	F				
index	sheet	1	2				

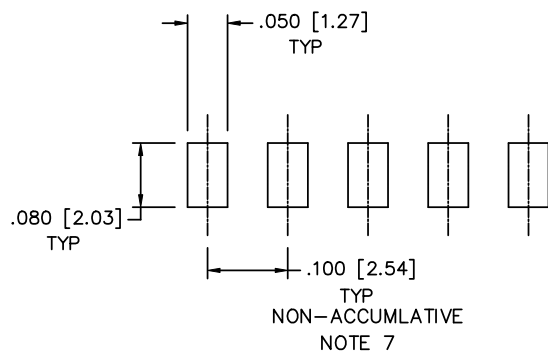
PRODUCT NUMBER	PIN OVERPLATING
10027011-1YYH	30u"/0.76u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
-2YYH	15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
-3YYH	50u"/1.27u MIN Au OVER 50u"/1.27u MIN Ni
-4YYH	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 14)
-4YYHLF	
-5YYH	15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
-6YYH	30u"/0.76u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
-7YYH	30u"/0.76 MIN (SEE NOTE 15) OVER 50u"/1.27u MIN Ni 
10027011-8YYH	15u"/0.38 MIN (SEE NOTE 15) OVER 50u"/1.27u MIN Ni 

NOTES:

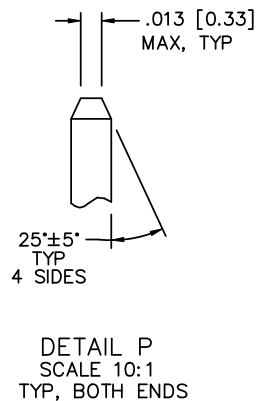
- BODY MATERIAL: 30% GLASS-FIBER REINFORCED PCT FLAME RETARDANT PER UL-94V-0. COLOR: BLACK.
OR
MINERAL FILLED LCP FLAME RETARDANT PER UL-94V-0. COLOR: BLACK.

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 2 TO 15.
- PART NUMBER WITHOUT SUFFIX ADDED PACKAGED IN POLYBAGS.
- MEASURED WITH PART IN RESTRAINED CONDITION.
- TWO SIDES OF PIN TIPS NOT PLATED TYPICAL BOTH ENDS.
- THIS SPECIAL PART CONFIGURATION REQUIRES CUSTOMER TO PROVIDE EXTERNAL HOLD-DOWN TO INSURE STABILITY DURING FIELD APPLICATION.
- 2 Lbs/0.9 Kg MIN PIN RETENTION IN EITHER DIRECTION.
- ADD "T" AS SUFFIX TO PART DASH NUMBER FOR TUBE PACKAGING.
EXAMPLE : 10027011--XYHT
- PART NUMBERS FOLLOWED BY A "W" SUFFIX ARE PACKAGED TAPE & REEL WITHOUT A PICK-UP CAP.
EXAMPLE : 10027011-XYHW



RECOMMENDED PAD LAYOUT
SCALE 5:1



DETAIL P
SCALE 10:1
TYP, BOTH ENDS

- ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE NOT AVAILABLE FOR -5YY, -5YYH, -6YY & -6YYH.
- 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."
- PLATING OPTIONS: GOLD OR GXT ON CONTACT AREA AND 78~295u"/2~7.5u TIN ON SOLDER AREA. 

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	title
F					linear XX±.01/XX±0.3 XXX±.005/XX±0.13 XXXX±.0020/XXX±0.051	scale 3:1	BERGSTIK® II HEADER SR. .100/2.54cc HORIZ. SMT.
			dr	L.POTTEIGER	4/7/03		dwg no
			enr	H. SUNDY	4/7/03		sheet 2 of 2 size
			chr	H. SUNDY	4/7/03		10027011 A3
			app	H. SUNDY	4/7/03		type Product Customer Drawing
sheet index	revision						

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[10027011-103HWLF](#) [10027011-404H](#) [10027011-405H](#) [10027011-406H](#) [10027011-416H](#) [10027011-404HLF](#)
[10027011-402HLF](#) [10027011-103HW](#) [10027011-703HWLF](#) [10027011-106HLF](#) [10027011-108HLF](#) [10027011-506HTLF](#) [10027011-203HLF](#) [10027011-102HLF](#)