

PRODUCT NUMBER

10027011-XYHXL

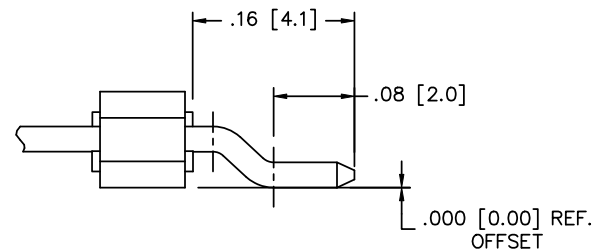
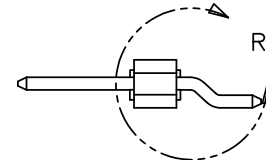
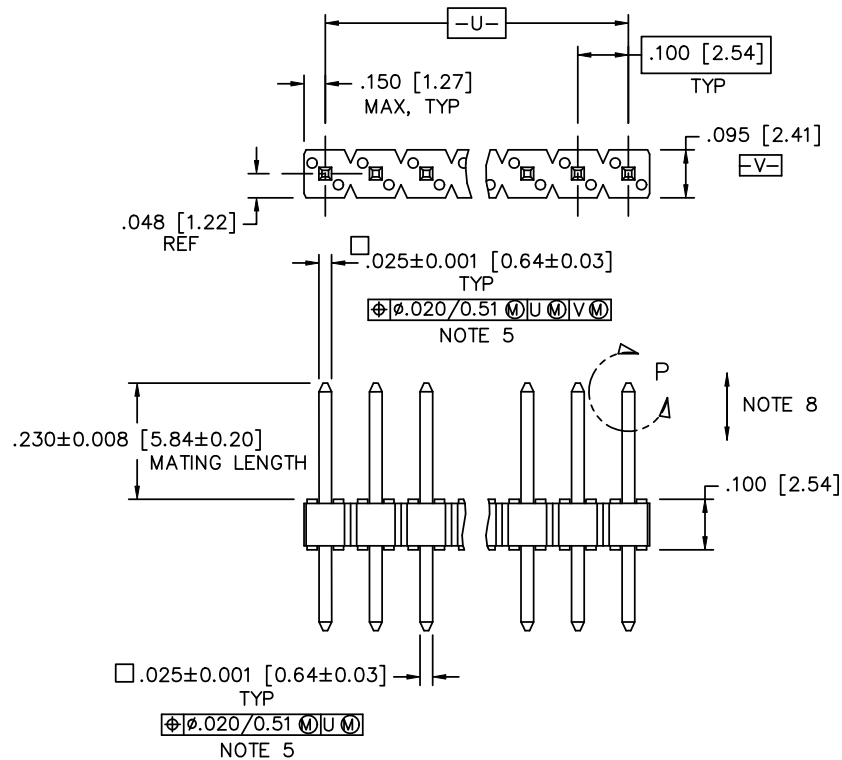
LEAD FREE OPTION (SEE NOTES 11 & 12)

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	ecp	no	dr	date	tolerances unless otherwise specified		title
A	V03-1019	TAB	9/10/03		angles	linear	BERGSTIK® II HEADER SR.
B	M05-0222	MHT	10/20/05				.100/2.54cc HORIZ. SMT.
C	M06-0271	AGS	7/14/06		0'±2'		
D	M06-0356	MHT	9/08/06	dr	L.POTTEIGER	4/7/03	
E	M08-0279	MHT	9/30/08	enr	H. SUNDY	4/7/03	
F	ECR-ELX-W-012835	DCS	2012-09-13	chr	H. SUNDY	4/7/03	
				appd	H. SUNDY	4/7/03	
sheet	revision	F	F				
index	sheet	1	2				

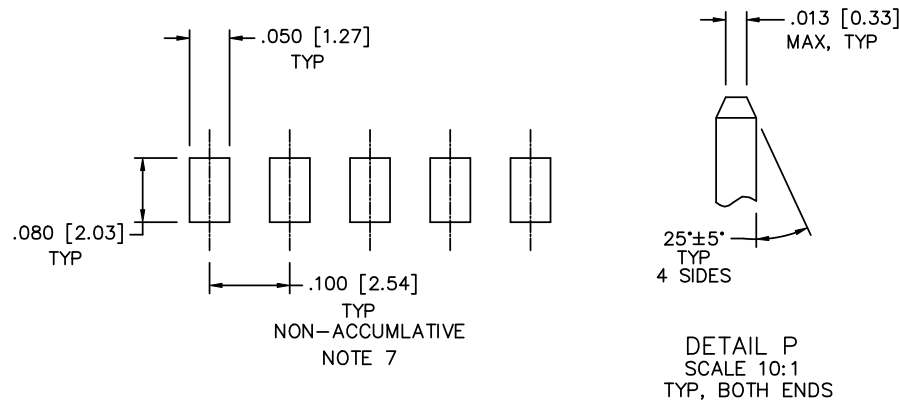
PRODUCT NUMBER	PIN OVERPLATING
10027011-1YYH	30u"/0.76u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
↑ -2YYH	15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
-3YYH	50u"/1.27u MIN Au OVER 50u"/1.27u MIN Ni
-4YYH	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 14)
-4YYHLF	
-5YYH	15u"/0.38u MIN (SEE 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		title			
F					linear	.XXX±.01/.XXX±.03 .XXX±.005/.XXX±.013 .XXXX±.0020/.XXXX±.0051	BERGSTIK® II HEADER SR. .100/2.54cc HORIZ. SMT.			
					angles	0°±2°	INCH/MM			
					dr	L.POTTEIGER 4/7/03	scale 3:1			
					enr	H. SUNDY 4/7/03				
					chr	H. SUNDY 4/7/03				
					app	H. SUNDY 4/7/03	dwg no sheet 2 of 2 size			
sheet index	revision						10027011 A3			
	sheet						type Product Customer Drawing			

Mouser Electronics

Authorized Distributor

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

Amphenol:

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[10027011-204HWLF](#) [10027011-404HLF](#) [10027011-402HLF](#) [10027011-103HW](#) [10027011-703HWLF](#) [10027011-](#)
[106HLF](#) [10027011-108HLF](#) [10027011-506HTLF](#) [10027011-203HLF](#) [10027011-206HLF](#) [10027011-102HLF](#)
[10027011-103HLF](#) [10027011-406HLF](#) [10027011-115HLF](#) [10027011-404HWLF](#) [10027011-405HLF](#) [10027011-](#)
[408HLF](#) [10027011-406HWLF](#) [10027011-408HWLF](#)