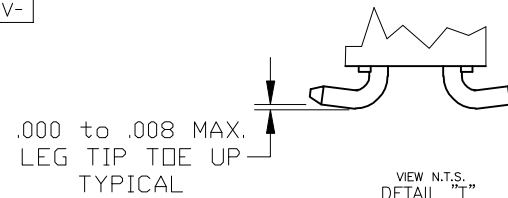
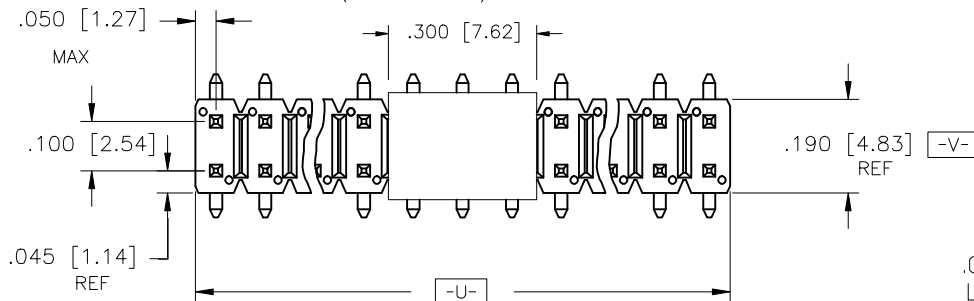


PRODUCT NO.  
XXXXX-YYYHPLF

- LEAD FREE OPTION (SEE NOTE 9 & 10)
- PACKAGING OPTIONS (SEE NOTE 6)
- HIGH TEMPERATURE PLASTIC
- NO. OF POSITIONS (SEE NOTE 5)
- PLATING NUMBER (SEE SHEET 2)
- BASE PART NUMBER (SEE SHEET 4)



□.025±.001 [0.64±0.03]  
TYP

⊕ ∅ .020/0.51 (M) U (M) V  
NOTE 4

MATING LGTH.  
DIM "H" ±.008 [0.20]

DIM "E"

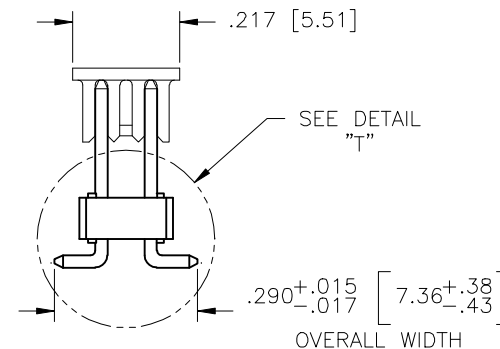
⌒ .004/0.10

PICK-UP CAP  
(IF REQ'D)

.100 [2.54]  
TYP

NOTE 3

.100 [2.54] REF



mat'l. code				surface	tolerance	projection	product family
-				ISO 1902	ISO 406	ISO 1901	BERGSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
A	V20562	GIP	3/22/02	angles	linear	INCH/MM	BERGSTIK® II HDR. D/R
B	V20778	GIP	7/09/02				.100 DUP. VERT. SMT.
C	M05-0118	MHT	6/02/05	0'±2'		scale 1:1	dwg no
D	M06-0269	MNR	7/17/06	dr	G. PETERS	3/22/02	sheet 1 of 4 size
E	M06-0356	MHT	9/08/06	engr	H. SUNDY	3/22/02	A3
F	M08-0291	MHT	10/06/08	chr	H. SUNDY	3/22/02	type
				appd	H. SUNDY	3/22/02	Product Customer Drawing
sheet	revision	F	F	F	F		
index	sheet	1	2	3	4		

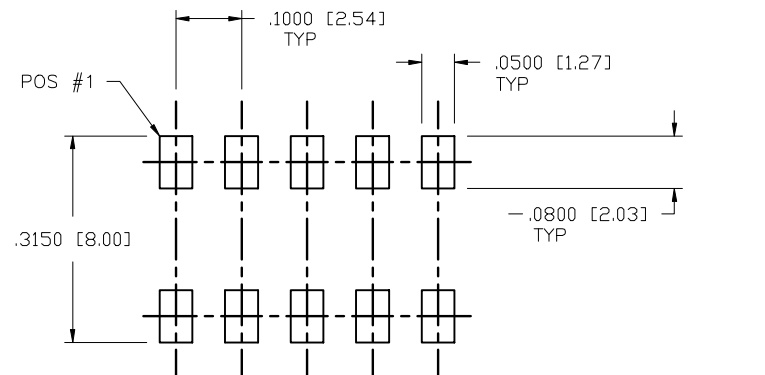
PRODUCT NUMBER	CONTACT AREA "DIM D" PLATING	TAIL PLATING
XXXXX-1YY	30u"/0.76um Au OVER 50u"/1.27um Ni.	100u"/2.54um Sn OVER 50u"/1.27um Ni.
XXXXX-2YY	15u"/0.38um Au OVER 50u"/1.27um Ni.	100u"/2.54um Sn OVER 50u"/1.27um Ni.
XXXXX-4YY	120u"/3.05um Sn OVER 50u"/1.27um Ni.	100u"/2.54um Sn OVER 50u"/1.27um Ni.
XXXXX-1YYLF	30u"/0.76um Au OVER 50u"/1.27um Ni.	100u"/2.54um Sn OVER 50u"/1.27um Ni.
XXXXX-2YYLF	15u"/0.38um Au OVER 50u"/1.27um Ni.	100u"/2.54um Sn OVER 50u"/1.27um Ni.
XXXXX-4YYLF	120u"/3.05um Sn OVER 50u"/1.27um Ni.	100u"/2.54um Sn OVER 50u"/1.27um Ni.

SEE NOTE 8 & 12

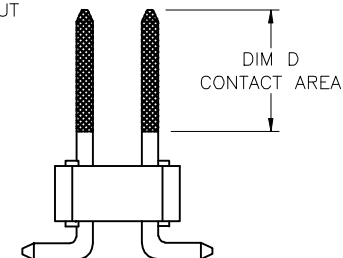
SEE NOTE 8 & 12

# NOTES:

- BODY MATERIAL: GLASS FIBER REINFORCED PCT FLAME RETARDENT PER UL-94V-0. COLOR: BLACK  
OR  
MINERAL FILLE LCP FLAME RETARDENT PER UL-94V-0. COLOR: BLACK
- PIN MATERIAL: PHOS-BRONZE.
- 2 Lbs / 0.9 Kg MIN PIN RETENTION IN EITHER DIRECTION.
- MEASURED WITH PART IN RESTRAINED CONDITION.
- NUMBER OF POSITIONS FROM 4(2X2) THRU 40(2X20)  
EXCEPT TAPE-ON-REEL AVAILABLE 4(2X2) THRU 34(2X17) ONLY.
- PACKAGING OPTIONS: CHECK SPECIFIC PART NUMBERS FOR AVAILABILITY.  
PART NUMBERS WITHOUT A SUFFIX ARE PACKAGED IN POLY BAGS.  
PART NUMBERS FOLLOWED BY A "T" SUFFIX ARE PACKAGED IN TUBES.  
PART NUMBERS FOLLOWED BY A "V" SUFFIX ARE PACKAGED TAPE-ON-REEL WITH A PICK-UP CAP INSTALLED.  
THE "Z" DIGIT FOLLOWING THE "V" INDICATES CUSTOMER SPECIAL TAPE.
- CONTACT MARKETING BEFORE ORDERING ODD POSITION  
PART NUMBERS (2X3,2X5,2X7,ETC.).
- TIN LEAD PLATED PARTS XXXXX-4XXH WILL NOT HAVE PLATING ON TWO SIDES OF THE PIN TIP TYPICAL BOTH ENDS.
- PART NUMBER WITH "LF" SUFFIX AT THE END ARE LEAD FREE.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE
- "THIS PRODUCT HAS 100% PURE TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."



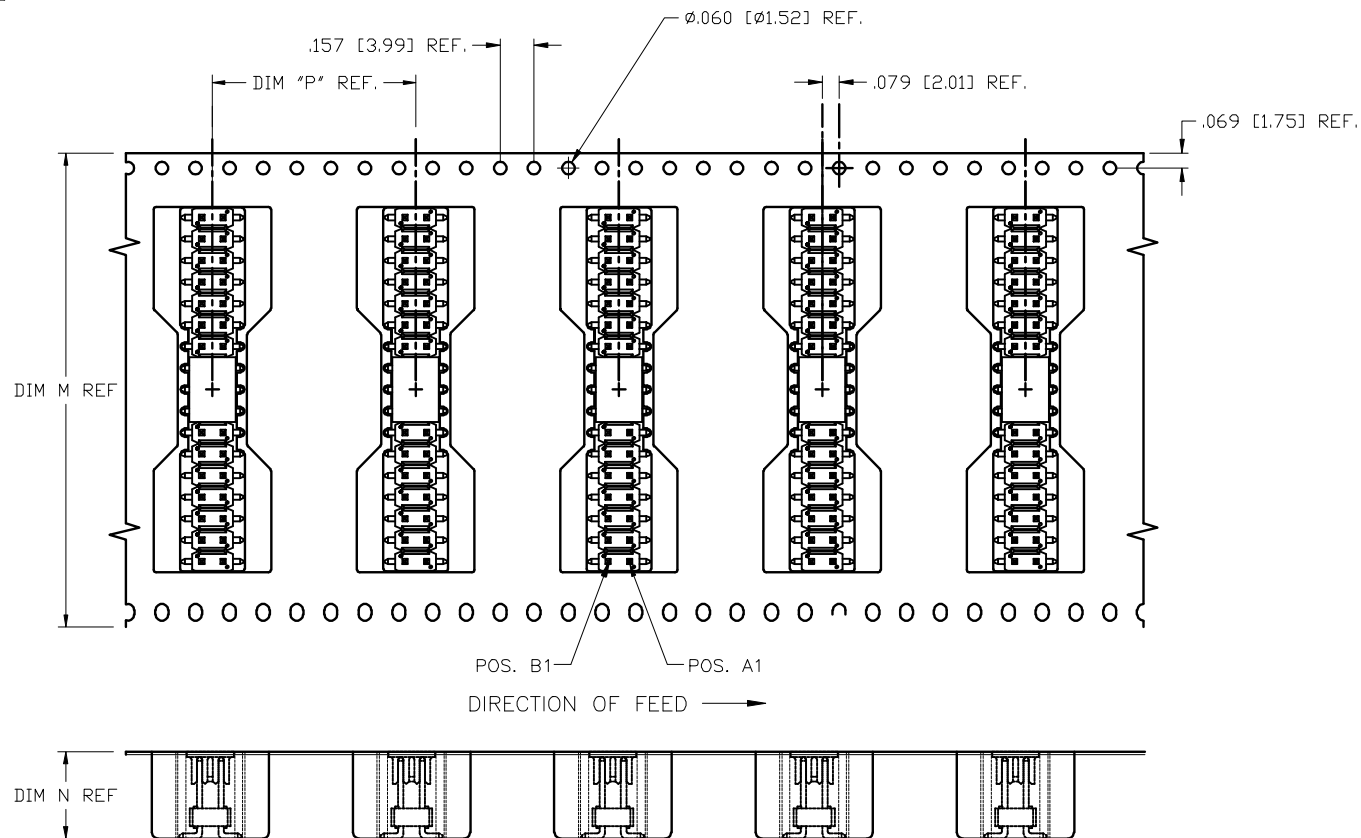
DOUBLE ROW  
RECOMMENDED PAD LAYOUT  
SCALE: 4/1



DOUBLE ROW SMT  
END VIEW

mat'l. code				surface ISO 1902	tolerance ISO 406 ISO 1101	projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title
F				angles	linear		BERGSTIK® II HDR. D/R
				linear	.XX±.01/.X±.3	scale 1:1	.100 DUP. VERT. SMT.
				linear	.XXX±.005/.XX±0.13		dwg no
				linear	.XXX±.0020/.XXX±.05		71276
				dr	G. PETERS 3/22/02		sheet 2 of 4
				engr	H. SUNDY 3/22/02		A3
				chr	H. SUNDY 3/22/02		
				appd	H. SUNDY 3/22/02		
sheet	revision						type
index	sheet						Product Customer Drawing

PRODUCT NUMBER  
SEE TABLE



mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family
ltr	ecp no	dr	date	tolerances unless otherwise specified		 INCH/MM	title
F				angles	linear		BERGSTIK® II HDR. D/R
				0°±2'		scale 1:1	.100 DUP. VERT. SMT.
				dr	G. PETERS	3/22/02	dwg no
				engr	H. SUNDY	3/22/02	sheet 3 of 4
				chr	H. SUNDY	3/22/02	size
				appd	H. SUNDY	3/22/02	A3
sheet	revision			type			
index	sheet			Product Customer Drawing			

PRODUCT NUMBER	MATING LENGTH DIM "H"	CONTACT AREA DIM "D"	DIM "E"	TAPE WIDTH DIM "M"	POCKET DEPTH DIM "N"	PACKAGING
71276-XXYH	.230/5.84	.200/5.08	.150/3.81	2.205/56.00	.433/11.00	POLY BAGS/TAPE ON REEL
71276-408HV	.230/5.84	.200/5.08	.150/3.81	.945/24.00	.433/11.00	TAPE ON REEL
71276-410HV2	.230/5.84	.200/5.08	.150/3.81	.945/24.00	.415/10.54	TAPE ON REEL
71277-XXYH	.318/8.08	.288/7.32	.150/3.81	2.205/56.00	.524/13.28	POLY BAGS/TAPE ON REEL, NOTE 7
71276-XXYHLF	.230/5.84	.200/5.08	.150/3.81	2.205/56.00	.433/11.00	POLY BAGS/TAPE ON REEL
71276-408HVLF	.230/5.84	.200/5.08	.150/3.81	.945/24.00	.433/11.00	TAPE ON REEL
71276-410HV2LF	.230/5.84	.200/5.08	.150/3.81	.945/24.00	.415/10.54	TAPE ON REEL
71277-XXYHLF	.318/8.08	.288/7.32	.150/3.81	2.205/56.00	.524/13.28	POLY BAGS/TAPE ON REEL, NOTE 7

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection		product family BERGSTIK	
ltr	ecp no	dr	date	tolerances unless otherwise specified							
F				angles	linear	.XX±.01/XX±.3		INCH/MM		title BERGSTIK® II HDR. D/R	
				0'±2'		.XXX±.005/XX±0.13		scale 1:1		.100 DUP. VERT. SMT.	
				dr	G. PETERS	3/22/02		FCJ		dwg no	
				engr	H. SUNDY	3/22/02				sheet 4 of 4 size	
				chr	H. SUNDY	3/22/02				A3	
				appd	H. SUNDY	3/22/02				type Product Customer Drawing	
sheet	revision										
index	sheet										

# Mouser Electronics

Authorized Distributor

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[FCI / Amphenol:](#)

[71277-240HLF](#) [71277-240H](#)