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Amphenol FCI

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PRODUCT NUMBER
XXXXX-YYYHTLF

LEAD FREE OPTION
SEE NOTE 1,8

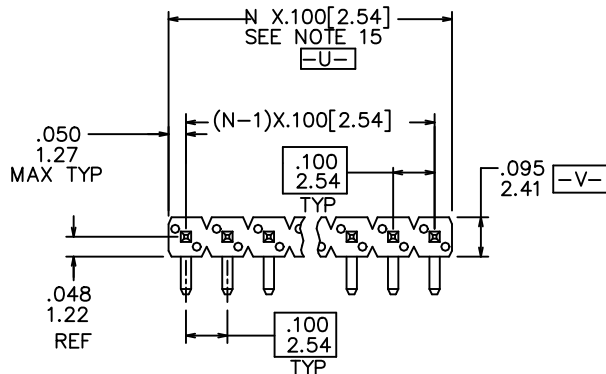
PACKAGING OPTION
SEE NOTE 1

HIGH TEMPERATURE PLASTIC
SEE NOTE 1

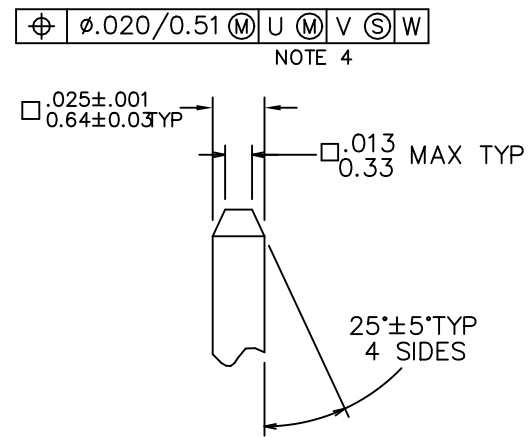
NO. OF
POSITIONS
SEE NOTE 1

PIN PLATING
SEE SHEET 2

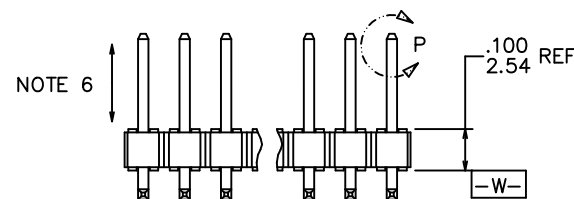
BASE PART NO.



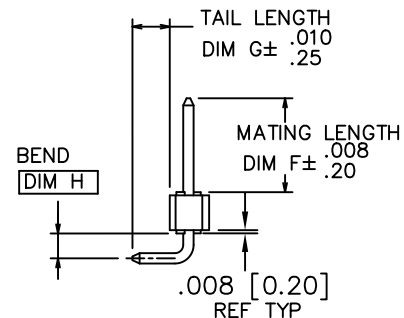
TOP VIEW



DETAIL P
TYP BOTH ENDS



SIDE VIEW



END VIEW

68015-X XX-XXX XXX LF

TAIL LENGTH (EXAMPLE BELOW)
3.0mm=030 12.8mm=128 (SEE NOTE 11 & 12)

MATING LENGTH (EXAMPLE BELOW)
5.0mm=050 25.5mm=255 (SEE NOTE 11 & 12)

TOTAL NUMBER OF POSITION
FROM 2 THRU 36 POS. (SEE NOTE 1) BE

PIN PLATING (SEE NOTE 13)
1=0.76µm Au
4= PURE TIN
8=0.36µm Au

BASE PART NO.
SINGLE ROW RIGHT ANGLE

mat'l. code SEE NOTE 2&3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection INCH/mm	product family BERGSTIK		
ltr	ecn	no	dr	date	tolerances unless otherwise specified				title		
BA	N11-0118	J.Z		04/11/11	angles	linear	.xxx±0.01/.X±0.3		BERGSTIK® II HEADER		
BB	ELX-N-16105	ZK		10/22/13			.xxx±0.005/.X±0.13		.100/2.54cc SR R/A		
BC	ELX-N-16356	ZK		11/25/13	X'±2'		.xxx±0.0020/±0.051	scale 1:1	dwg no		
BD	ELX-N-42692	MK		11/03/21	dr	T.BREWBAKER	01/31/95		sheet 1 of 4		
BE	ELX-N-48897	JJ		08/01/23	enr	T.HANNA	01/31/95		68015		
					chr	T.HANNA	01/31/95		size		
					appd	T.HANNA	01/31/95		A4		
sheet index				revision	BE	BE	BE	BE	type Product Customer Drawing		
				sheet	1	2	3	4			

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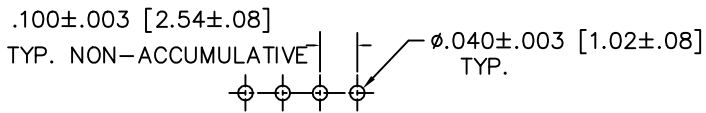
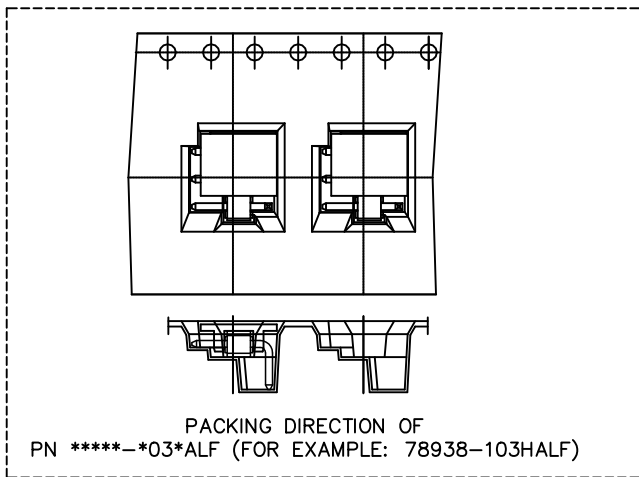
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PIN PLATING CODES:	
XXXXX-1YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-2YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-3YY	50u"/1.27u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 10)
XXXXX-4YYHLF	
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
XXXXX-7YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-8YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-9YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-0YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni

NOTES

1. PART NUMBER OPTIONS:
PIN PLATING CODES (SEE ABOVE)
HIGH TEMP. MATERIAL:
PART NUMBERS WITH AND WITHOUT "H" WILL BE SUPPLIED WITH HIGH TEMPERATURE PLASTIC.
NUMBER OF POSITION:
ANY NUMBER OF POSITIONS FROM 2 THRU 36. 
PACKAGING:
PACKAGED IN POLY BAGS.
EIGHT DIGIT PART NUMBERS FOLLOWED BY A "T" ARE PACKAGED IN TUBES. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.
EIGHT DIGIT PART NUMBERS FOLLOWED BY A "A" ARE PACKAGED IN TAPE & REEL WITH PICK UP CAP, COMMONLY CAP IS ASSEMBLED AT THE CENTER OF THE PRODUCT EXCEPT FOR THE PN *****-03*ALF TO SEE RIGHT FIG.
LEAD FREE:
ADD "HLF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION, NOT AVAILABLE FOR -5YY,-5YYH,-6YY & -6YYH.
2. BODY MATERIAL:
MANUFACTURER'S OPTION OF NYLON OR PCT, GLASS FIBER REINFORCED, OR LCP MINERAL FIELED FLAME RETARDENT PER UL-94V-0.
COLOR: BLACK.
PART NUMBERS WITH AND WITHOUT "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.
3. PIN MATERIAL: PHOS-BRONZE.
4. MEASURED WITH PART IN RESTRAINED CONDITION.
5. TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS.
6. 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.
7. MILITARY BERGSTIK HEADER
P/N XXXXX-XY-MIL
NOT AVAILABLE.
8. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
9. PLATING OPTIONS:
PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL, OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.

10. THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."
11. THE OAL DON'T EXCEED 31mm
OAL= MATTING DIM+4.0mm<31mm WHERE THE SUM OF TAIL AND MATTING LENGTH DON'T EXCEED 27mm
12. INCREMENTS BY 0.1mm IN LENGTHS ONLY
13. FOR SPECIAL PACKAGING REQUEST PLASE CONTACT PRODUCT MANAGER FOR AVAILABILITY
14. BEND DIMENSIONS AT 1.5mm ONLY
15. TO DETERMINE DIMENSIONS:
N=NUMBER OF POSITION PER ROW
EXAMPLE: 10 PDS. N X .100/2.54



RECOMMENDED HOLE PATTERN

mat'l. code				surface		tolerance		projection	product family		
SEE NOTE 2&3				ISO 1302	ISO 406	ISO 1101			BERGSTIK		
ltr	ecn	no	dr	date	tolerances unless otherwise specified			 INCH/mm scale 1:1	title		
BE					angles	linear	.xxx±0.01/.X±0.3 .xxx±0.005/.X0±0.13 .xxx±0.0020/±0.051		BERGSTIK® II HEADER		
					X"±2"				.100/2.54cc SR R/A		
					dr	T.BREWBAKER	01/31/95		dwg no		
					enr	T.HANNA	01/31/95	Amphenol FCI	sheet2 of 4		
					chr	T.HANNA	01/31/95		68015		
					appd	T.HANNA	01/31/95		type Product Customer Drawing		
sheet	revision										
index	sheet										

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PRODUCT NUMBER	MATING LENGTH		TAIL LENGTH		BEND DIM		PACKAGING	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H		
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC		
68015-YYY	0.230	5.84	0.090	2.29	0.060	1.52	POLY BAGS/TUBES	NOTE 1,8
68016-YYY	0.230	5.84	0.120	3.05	0.060	1.52	POLY BAGS/TUBES	
68023-YYY	0.135	3.43	0.305	7.75	0.135	3.43	POLY BAGS	
68417-YYY	0.230	5.84	0.390	9.91	0.060	1.52	POLY BAGS	
68423-YYY	0.318	8.08	0.120	3.05	0.060	1.52	POLY BAGS/TUBES	
68458-YYY	0.318	8.08	0.110	2.79	0.060	1.52	POLY BAGS	
68461-YYY	0.400	10.16	0.320	8.13	0.260	6.60	POLY BAGS	
68468-YYY	0.230	5.84	0.195	4.95	0.160	4.06	POLY BAGS	
68488-YYY	0.230	5.84	0.180	4.57	0.060	1.52	POLY BAGS	
68494-YYY	0.400	10.16	0.110	2.79	0.060	1.52	POLY BAGS	
68498-YYY	0.230	5.84	0.220	5.59	0.160	4.06	POLY BAGS	
68626-YYY	0.230	5.84	0.295	7.49	0.060	1.52	POLY BAGS	
68627-YYY	0.120	3.05	0.185	4.70	0.150	3.81	POLY BAGS	
68628-YYY	0.230	5.84	0.590	14.99	0.060	1.52	POLY BAGS	
68641-YYY	0.230	5.84	0.490	12.45	0.060	1.52	POLY BAGS	
68660-YYY	0.110	2.79	0.230	5.84	0.135	3.43	POLY BAGS	
68694-YYY	0.600	15.24	0.120	3.05	0.060	1.52	POLY BAGS	
68757-YYY	0.350	8.89	0.220	5.59	0.100	2.54	POLY BAGS	
68758-YYY	0.275	6.99	0.120	3.05	0.060	1.52	POLY BAGS	
68764-YYY	0.100	2.54	0.120	3.05	0.060	1.52	POLY BAGS	
68782-YYY	0.318	8.08	0.180	4.57	0.060	1.52	POLY BAGS	NOTE 1,8
68798-YYY	0.110	2.79	0.230	5.84	0.160	4.06	POLY BAGS	
69189-YYY	0.310	7.87	0.250	6.35	0.060	1.52	POLY BAGS	
71270-YYY	0.600	15.24	0.189	4.80	0.060	1.52	POLY BAGS	
72342-YYY	0.120	3.05	0.250	6.35	0.060	1.52	POLY BAGS	
78230-YYY	0.310	7.87	0.330	8.38	0.060	1.52	POLY BAGS	
78231-YYY	0.310	7.87	0.290	7.37	0.060	1.52	POLY BAGS	

mat'l. code SEE NOTE 2&3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection  INCH/mm scale 1:1 Amphenol FCI		product family BERGSTIK					
ltr	ecn	no	dr	date	tolerances unless otherwise specified					title BERGSTIK® II HEADER .100/2.54cc SR R/A					
BE					angles	linear	.xxx±0.01/.X±0.3 .xxx±0.005/.X0±0.13 X'±2" .xxx±0.0020/±0.051			dwg no 68015 sheet3 of 4 size A4					
					dr	T.BREWBAKER	01/31/95								
					engr	T.HANNA	01/31/95								
					chr	T.HANNA	01/31/95	type Product Customer Drawing							
					appd	T.HANNA	01/31/95								
sheet index		revision sheet													

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PRODUCT NUMBER	MATING LENGTH		TAIL LENGTH		BEND DIM		LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	
78234-XXX	0.230	5.84	0.140	3.56	0.160	4.06	POLY BAGS
78541-XXX	0.318	8.08	0.080	2.03	0.060	1.52	POLY BAGS
78587-XXX			UNAVAILABLE				
78938-XXX	0.120	3.05	0.120	3.05	0.060	1.52	POLY BAGS
78955-XXX	0.075	1.91	0.090	2.29	0.060	1.52	POLY BAGS
78978-XXX	0.120	3.05	0.318	8.08	0.135	3.43	POLY BAGS
79409-XXX			UNAVAILABLE				
84846-XXX	0.140	3.56	0.290	7.37	0.153	3.89	POLY BAGS
84917-XXX	0.090	2.29	0.195	4.95	0.190	4.83	POLY BAGS
84935-XXX	0.450	11.43	0.320	8.13	0.260	6.60	POLY BAGS
84936-XXX	0.350	8.89	0.120	3.05	0.060	1.52	POLY BAGS
87532-XXX	0.230	5.84	0.890	22.61	0.060	1.52	POLY BAGS
88813-XXX	0.230	5.84	0.085	2.16	0.060	1.52	POLY BAGS
92050-XXX	0.162	4.11	0.120	3.05	0.060	1.52	POLY BAGS
92632-XXX	0.100	2.54	0.318	8.08	0.060	1.52	POLY BAGS
92909-XXX	0.400	10.16	0.220	5.59	0.060	1.52	POLY BAGS
94099-XXX	0.157	3.99	0.090	2.29	0.060	1.52	POLY BAGS
94529-XXX	0.120	3.05	0.295	7.49	0.135	3.43	POLY BAGS
94671-XXX	0.090	2.29	0.085	2.16	0.180	4.57	POLY BAGS
95653-XXX	0.330	8.38	0.310	7.87	0.160	4.06	POLY BAGS
95666-XXX	0.230	5.84	0.145	3.68	0.060	1.52	POLY BAGS
10089061-XXX	0.125	3.18	0.318	8.08	0.135	3.43	POLY BAGS

mat'l. code SEE NOTE 2&3					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		 INCH/mm scale 1:1	product family BERGSTIK				
ltr	ecn	no	dr	date	tolerances unless otherwise specified			title BERGSTIK® II HEADER .100/2.54cc SR R/A						
BE					angles	linear								
							.xxx±0.01/.X±0.3							
							.xxx±0.005/.X±0.13							
					X±2°		.xxx±0.0020/±0.051							
					dr	T.BREWBAKER	01/31/95	Amphenol FCI			dwg no	sheet4 of 4	size	
					enr	T.HANNA	01/31/95				68015	A4		
					chr	T.HANNA	01/31/95							
					appd	T.HANNA	01/31/95				type	Product	Customer	Drawing
sheet index		revision sheet												

Mouser Electronics

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