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Amphenol FCI

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PRODUCT NUMBER
XXXXX-YYYH TLF

LEAD FREE OPTION
SEE NOTE 1,8

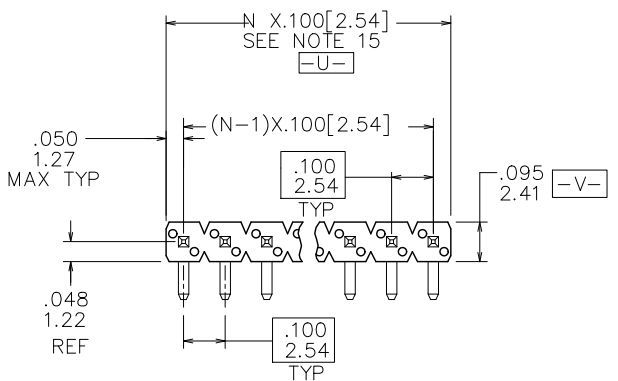
PACKAGING OPTION
SEE NOTE 1

HIGH TEMPERATURE PLASTIC
SEE NOTE 1

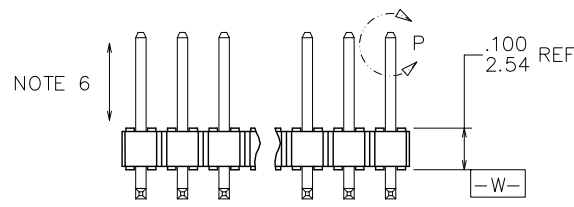
NO OF POSITIONS
SEE NOTE 1

PIN PLATING
SEE SHEET 2

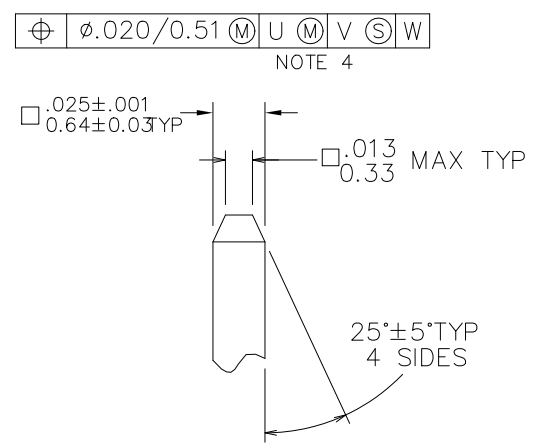
BASE PART NO.



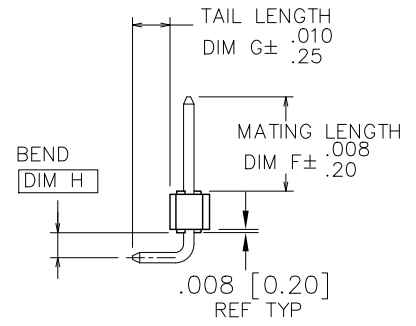
TOP VIEW



SIDE VIEW



DETAIL P
TYP BOTH ENDS



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 1 THRU 36 POS. (SEE NOTE 1)

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 		product family BERGSTIK													
ltr		ecn no		dr		date		tolerances unless otherwise specified		title													
BA		N11-0118		J.Z		04/11/11		angles		linear		.xx±0.01/.X±0.3		 scale 1:1		BERGSTIK® II HEADER .100/2.54cc SR R/A							
BB		ELX-N-16105		ZK		10/22/13						.xxx±0.005/.XX±0.13											
BC		ELX-N-16356		ZK		11/25/13		X±2°				.xxxx±0.0020/±0.051											
BD		ELX-N-42692		MK		11/03/21		dr		T.BREWBAKER		01/31/95				dwg no		sheet 1 of 4		size			
								engr		T.HANNA		01/31/95				68015		A4					
								chr		T.HANNA		01/31/95											
								appd		T.HANNA		01/31/95											
sheet index		revision sheet		BD		BD		BD		BD		BD								type		Product Customer Drawing	
				1		2		3		4													

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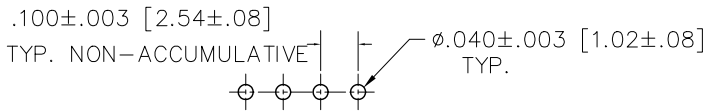
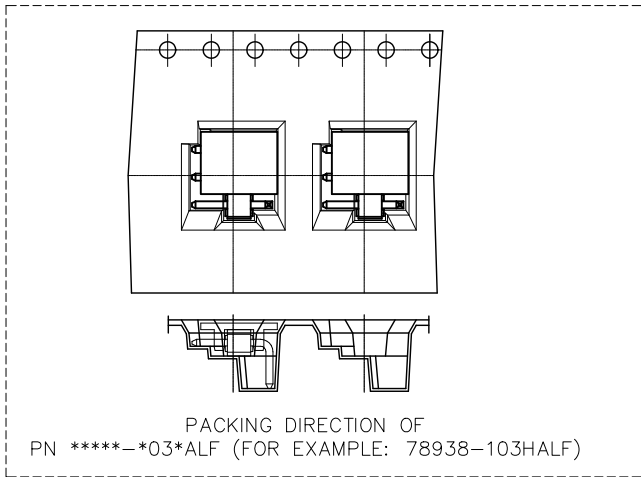
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PIN PLATING CODES:	
XXXX-1YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-2YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-3YY	50u"/1.27u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN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

NOTES

- 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 1 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.
- 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.
- PIN MATERIAL: PHOS-BRONZE.
- 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.
- MILITARY BERGSTIK HEADER
P/N XXXXX-YYY-MIL
NOT AVAILABLE.
- THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- PLATING OPTIONS:
PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL, OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.

- THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."
- THE OAL DON'T EXCEED 31mm
OAL= MATTING DIM+4.0mm<31mm WHERE THE SUM OF TAIL AND MATTING LENGTH DON'T EXCEED 27mm
- INCREMENTS BY 0.1mm IN LENGTHS ONLY
- FOR SPECIAL PACKAGING REQUEST PLASE CONTACT PRODUCT MANAGER FOR AVAILABILITY
- BEND DIMENSIONS AT 1.5mm ONLY
- TO DETERMINE DIMENSIONS:
N=NUMBER OF POSITION PER ROW
EXAMPLE: 10 PQS. 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				title		
BD					angles	linear	.xx±0.01/.X±0.3		BERGSTIK® II HEADER .100/2.54cc SR R/A		
							.xxx±0.005/.XX±0.13				
					X±2'		.xxx±0.0020/±0.051				
				dr	T.BREWBAKER		01/31/95	INCH/mm scale 1:1 Amphenol FCI	dwg no		
				enr	T.HANNA		01/31/95		sheet 2 of 4		
				chr	T.HANNA		01/31/95		68015		
				appd	T.HANNA		01/31/95		A4		
sheet index		revision sheet							type Product Customer Drawing		

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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	NOTE 1,8
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	NOTE 1,8
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	NOTE 1,8
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	NOTE 1,8
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	NOTE 1,8
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	NOTE 1,8
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	NOTE 1,8
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	NOTE 1,8
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	NOTE 1,8
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	NOTE 1,8
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	NOTE 1,8
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	NOTE 1,8




mat'l. code SEE NOTE 2&3					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr	ecn	no	dr	date	tolerances unless otherwise specified				title					
BD					angles		linear		INCH/mm 		BERGSTIK® II HEADER .100/2.54cc SR R/A			
					X±2°				scale 1:1					
					dr	T.BREWBAKER		01/31/95		Amphenol FCI	dwg no		sheet3 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												

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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		
78234-XXY	0.230	5.84	0.140	3.56	0.160	4.06	POLY BAGS	OB
78541-XXY	0.318	8.08	0.080	2.03	0.060	1.52	POLY BAGS	OB
78587-YYY			UNAVAILABLE					NOTE 1,8
78938-XXY	0.120	3.05	0.120	3.05	0.060	1.52	POLY BAGS	
78955-XXY	0.075	1.91	0.090	2.29	0.060	1.52	POLY BAGS	OB
78978-XXY	0.120	3.05	0.318	8.08	0.135	3.43	POLY BAGS	OB
A 79409-XXY			UNAVAILABLE					
84846-XXYH	0.140	3.56	0.290	7.37	0.153	3.89	POLY BAGS	OB
84917-XXYH	0.090	2.29	0.195	4.95	0.190	4.83	POLY BAGS	OB
84935-XXYH	0.450	11.43	0.320	8.13	0.260	6.60	POLY BAGS	OB
84936-XXYH	0.350	8.89	0.120	3.05	0.060	1.52	POLY BAGS	OB
87532-XXYH	0.230	5.84	0.890	22.61	0.060	1.52	POLY BAGS	OB
88813-XXY	0.230	5.84	0.085	2.16	0.060	1.52	POLY BAGS	OB
92050-XXY	0.162	4.11	0.120	3.05	0.060	1.52	POLY BAGS	OB
92632-XXY	0.100	2.54	0.318	8.08	0.060	1.52	POLY BAGS	OB
92909-XXY	0.400	10.16	0.220	5.59	0.060	1.52	POLY BAGS	OB
B 94099-XXY	0.157	3.99	0.090	2.29	0.060	1.52	POLY BAGS	OB
94529-XXYH	0.120	3.05	0.295	7.49	0.135	3.43	POLY BAGS	OB
94671-XXYH	0.090	2.29	0.085	2.16	0.180	4.57	POLY BAGS	OB
95653-XXYH	0.330	8.38	0.310	7.87	0.160	4.06	POLY BAGS	OB
95666-XXYH	0.230	5.84	0.145	3.68	0.060	1.52	POLY BAGS	OB
10089061-XXX	0.125	3.18	0.318	8.08	0.135	3.43	POLY BAGS	OB

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