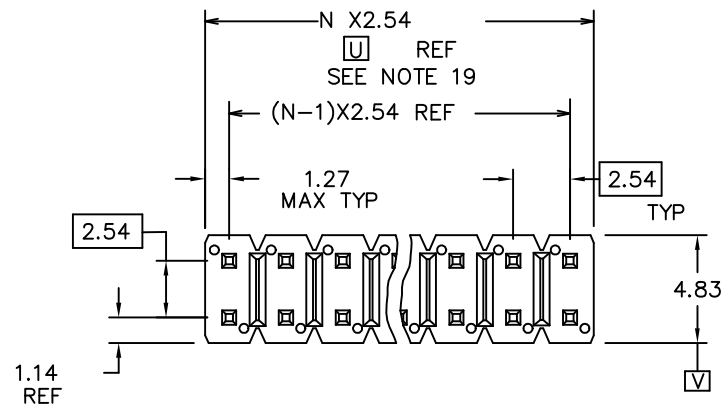


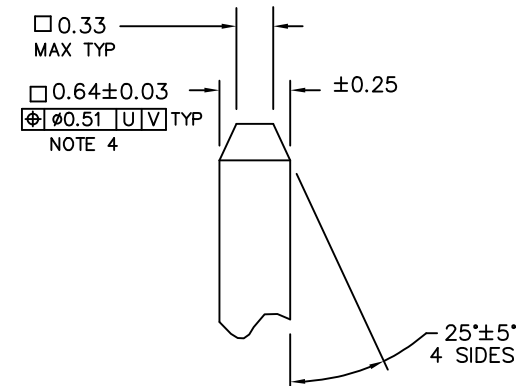
Amphenol FCI
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PRODUCT NUMBER
XXXXX-YYYHXLVLF

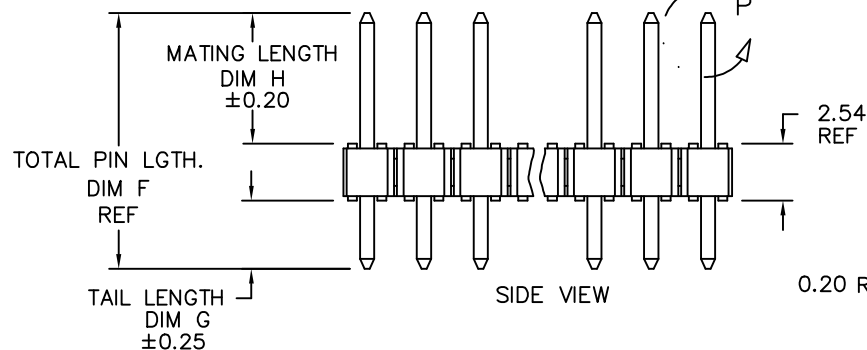
- LEAD FREE OPTION
- BLANK: NONE SPECIAL REQUEST
V: VALEO
- PACKAGE
SEE NOTE 1
- HIGH TEMPERATURE PLASTIC
SEE NOTE 1
- NO OF POSITIONS
SEE NOTE 3
- PIN PLATING
SEE SHEET 2
- BASE PART NO.



TOP VIEW



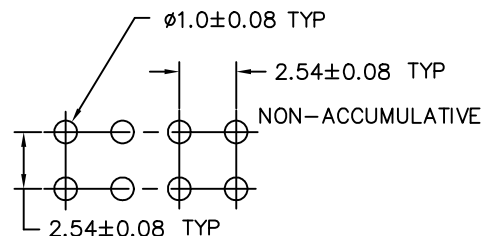
DETAIL P
SCALE 5:1
TYP BOTH ENDS



SIDE VIEW

END VIEW

NOTE 6



RECOMMENDED HOLE PATTERN

67996-X XX XXX XXX X XF

- GREEN OPTION
(SEE NOTE 1,13)
- PACKAGE
(SEE NOTE 1 & 10 & 20)
- TAIL LENGTH (EXAMPLE BELOW)
3.0mm=030 12.8mm=128
(SEE NOTE 16 & 17)
- MATING LENGTH (EXAMPLE BELOW)
5.0mm=050 25.5mm=255
(SEE NOTE 16 & 17)
- TOTAL NUMBER OF POSITIONS
FROM 2 (2X1) THRU 72 (2X36) POS.
- PIN PLATING (SEE NOTE 14)
1=0.76µm Au
4= PURE TIN
8=0.36µm Au
- BASE PART NO.
DOUBLE ROW

mat'l. code SEE NOTES 1 & 2					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK				
ltr	ecn	no	dr	date	tolerances unless otherwise specified						title				
DF	N11-0180	J.Z		2011-05-3	angles	linear	.004/.03		BERGSTIK II HEADER D/R						
				.004/.13			.100/2.54cc STRAIGHT								
				.004/.051											
					dr	T.BREWBAKER	12/21/94	scale 2:1			dwg no		sheet 1 of 8	size	
					engr	T.HANNA	07/21/99	Amphenol FCi		67996		A3			
DL	ELX-N-52054	MZ		2024-07-05	chr	J.MURPHY	07/21/99			type		Product	Customer	Drawing	
DM	ELX-N-56250	MZ		2025-06-26	appd	T.HANNA	07/21/99								
sheet	revision		DM												
index	sheet		1-8												

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PIN PLATING CODES:	
XXXX-1YY	30u"/0.76u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXX-2YY	15u"/0.38u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXX-3YY	50u"/1.27u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 15)
XXXX-4YYHLF	
XXXX-7YY	30u"/0.76u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXX-8YY	15u"/0.38u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni

NOTES

1. PART NUMBER OPTIONS:
PIN PLATING CODES (SEE ABOVE)
- HIGH TEMPERATURE MATERIAL:
PART NUMBERS WITH AND WITHOUT "H" WILL BE SUPPLIED WITH HIGH TEMPERATURE PLASTIC.
PART NUMBERS WITH AND WITHOUT "HF" WILL BE HALOGEN FREE AND HIGH TEMPERATURE PLASTIC.
- NUMBER OF POSITIONS :
EVEN NUMBER OF POSITIONS FROM 2 (2X1) THROUGH 72 (2X36).
-X00H INDICATES BERGSTRIIP PRODUCT. SEE PAGE 3
FOR SPECIAL GEOMETRY OF THIS CONTINUOUS STRIP PRODUCT.
AUTOMATED REELS WILL CONTAIN 45,000 PINS.
SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.
- PACKAGING:
BLANK: BAGS.
T: TUBE WITHOUT CAP
G: GPAX FOR IBM ONLY
C: IN TUBES WITH A PICK UP CAP
A: IN TAPE AND REEL WITH A PICK UP CAP
D: IN TAPE AND REEL WITHOUT A PICK UP CAP
- LEAD FREE:
ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION, NOT AVAILABLE FOR -5YY,-5YYH, -6YY & -6YYH
- HALOGEN FREE:
ADD "HF" SUFFIX AT THE END OF PART NUMBER FOR HOLOGEN FREE OPTION
2. BODY MATERIAL:
BODY MATERIAL : MANUFACTURER'S OPTION OF NYLON, PCT GLASS FIBER REINFORCED OR MINERAL FILLED LCP FLAME RETARDENT PER UL-94V-0.
COLOR: BLACK
BERGSTRIIP™ PRODUCED WITH HIGH TEMPERATURE LCP THERMOPLASTIC, FLAME RETARDENT PER UL-94V-0.
COLOR: BLACK
PART NUMBERS WITH "H" AND WITHOUT 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. ±.010/0.25 TOL APPLIES TO ALL "G" TAILS EXCEPT INDICATED PARTS ON TABLE WHERE +.010/0.25 -.000/0.00 APPLIES.
9. NOTCH CONFIGURATION WILL VARY PER VENDOR'S DISCRETION.
10. BERGSTRIIP™ PART NUMBERS FOLLOWED BY BY A "B" ARE BULK PRICED.
11. TAIL LENGTH (DIM. G) TO BE ±.008/.020.
12. POSITIONS PER ROW 37 TO 50 CAN BE PRODUCED, BUT FLATNESS AND CURVATURE MAY NOT BE HELD AS CLOSE AS 36 POSITIONS.
13. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
14. PLATING OPTIONS:
PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL, OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.
15. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."
16. THE OAL DON'T EXCEED 34.5mm
17. INCREMENTS BY 0.1mm IN LENGTHS ONLY
19. TO DETERMINE DIMENSIONS:
N=NUMBER OF POSITION PER ROW
EXAMPLE: 10 POS. N X .100/2.54
20. PART NUMBERS 68602 OR 67996 FOLLOWED BY LETTER "D" ARE PACKAGED IN TAPE/REEL WITHOUT PICKUP CAP.
21. PART NUMBERS 86503-112HFLF WILL BE HALOGEN FREE ASSEMBLY.

mat'l. code SEE NOTES 1 & 2		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family BERGSTIK
ltr	ecn	no	dr	date	tolerances unless otherwise specified
DM					angles linear
					0°±2'
					dr T.BREWBAKER 12/21/94
					enr T.HANNA 07/21/99
					chr J.MURPHY 07/21/99
					appd T.HANNA 07/21/99
sheet	revision	DK			
index	sheet	1-8			



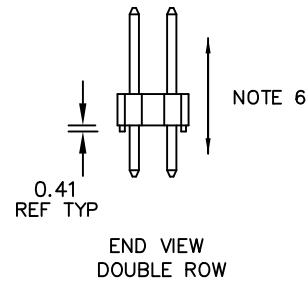
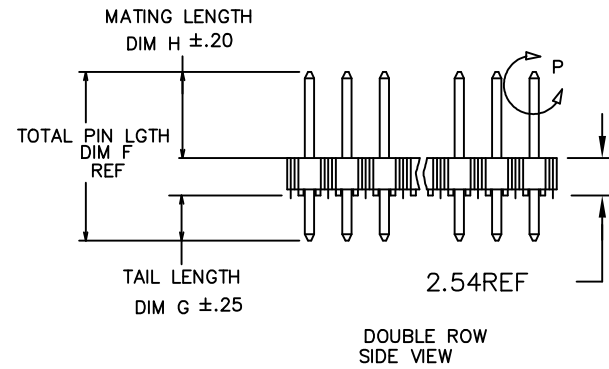
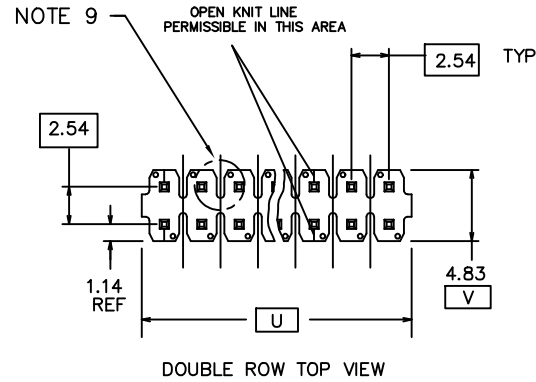
scale 2:1

MM

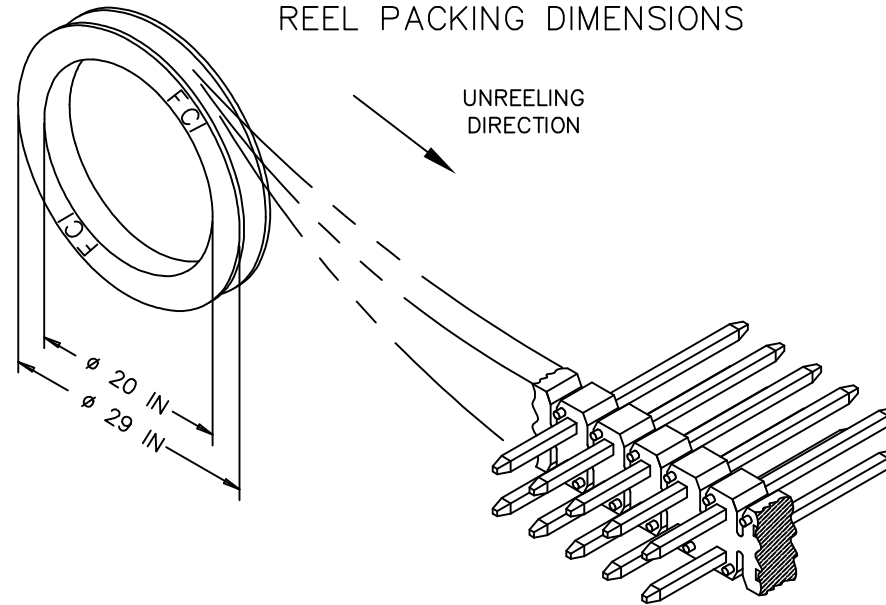
dwg no 67996 sheet 2 of 8 size A3

type Product Customer Drawing

BERGSTRIPTM HEADER



REEL PACKING DIMENSIONS



mat'l. code SEE NOTES 1 & 2				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr	ec	no	dr	date	tolerances unless otherwise specified					title BERGSTIK II HEADER D/R .100/2.54cc STRAIGHT			
DM					angles	linear	.XX±0.3	scale 2:1					
					0'±2"		.XX±0.13						
							.XX±0.051						
					dr	T.BREWBAKER	12/21/94	Amphenol FCi	dwg no		sheet 3 of 8	size	
					enr	T.HANNA	07/21/99		67996		A3		
					chr	J.MURPHY	07/21/99						
					appd	T.HANNA	07/21/99						
sheet index		revision sheet		DK 1-8						type Product Customer Drawing			

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A

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() Amphenol FCI B

() C

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PRODUCT NUMBER	TOT. PIN LGTH.	TAIL LENGTH	MATING LENGTH	PACKAGING	NOTES	BERGSTRIIP™	LF OPTION
	DIM F	DIM G	DIM H			AVAILABLE	
55005-XYHH	15.16	2.41	10.21	POLY BAGS		YES	OB
55030-XYHH	16.00	3.81	9.65	POLY BAGS	-	YES	
67996-XYH	10.80	2.41	5.84	POLY BAGS/TUBES	-	YES	
67997-XYH	11.43	3.05	5.84	POLY BAGS/TUBES	-	YES	
67997-XYHH	11.43	3.05	5.84	POLY BAGS/TUBES	-	YES	
67998-XYH	13.34	2.72	8.08	POLY BAGS/TUBES	-	YES	
67999-XYH	13.92	3.30	8.08	POLY BAGS	-	NO	
68438-XYH	14.10	5.72	5.84	POLY BAGS/TUBES		NO	
68439-XYH	18.29	3.05	12.70	POLY BAGS		NO	
68464-XYH	16.51	3.05	10.92	POLY BAGS/TUBES	-	NO	
68481-XYH	12.19	2.41	7.24	POLY BAGS/TUBES	-	NO	
68482-XYH	23.83	8.08	13.21	POLY BAGS	-	NO	
68491-XYH	12.07	3.05	6.48	POLY BAGS/TUBES	-	NO	
68600-XYH	20.96	2.92	15.49	POLY BAGS		NO	
68601-XYH	15.75	3.05	10.16	POLY BAGS		NO	
68602-XYH	12.19	3.81	5.84	POLY BAGS	-	YES	OB
68690-XYH	13.54	2.92	8.08	POLY BAGS	-	NO	
68691-XYH	13.67	3.05	8.08	POLY BAGS/TUBES	-	YES	
68692-XYH	10.92	2.54	5.84	POLY BAGS	-	NO	
68693-XYH	23.83	13.21	8.08	POLY BAGS	-	NO	
68716-XYH	21.03	10.41	8.08	POLY BAGS		NO	
68734-XYH	15.62	5.84	7.24	POLY BAGS		NO	
68737-XYH	11.18	2.79	5.84	POLY BAGS	-	YES	
68738-XYH	15.62	2.92	10.16	POLY BAGS		NO	
68739-XYH	12.34	3.96	5.84	POLY BAGS	-	NO	
68743-XYH	16.21	5.59	8.08	POLY BAGS	-	NO	
68749-XYH	21.29	10.67	8.08	POLY BAGS		NO	
68779-XYH	18.69	8.08	8.08	POLY BAGS	-	ON	OB
68783-XYH	9.53	1.14	5.84	POLY BAGS		ON	
68799-XYH	23.50	15.11	5.84	POLY BAGS		NO	

NOTE 1,13

NOTE 1,13

A

B

C

D

mat'l. code SEE NOTES 1 & 2				surface ISO 1302 ☒ ISO 406 ISO 1101		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK					
litr ecn nldr date				tolerances unless otherwise specified						title BERGSTIK II HEADER D/R .100/2.54cc STRAIGHT					
DM				angles linear		.0040.3 .0040.13 .0040.051		scale 2:1		dwg no sheet 4 of 8 size					
				dr T.BREWBAKER 12/21/94				Amphenol FCI		67996 A3					
				enr T.HANNA 07/21/99						type Product Customer Drawing					
				chr J.MURPHY 07/21/99											
				appd T.HANNA 07/21/99											
sheet index		revision sheet		DK 1-8											

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PRODUCT NUMBER	TOT. PIN LGTH.	TAIL LENGTH	MATING LENGTH	PACKAGING	NOTES	BERGSTRIPT™	NEW OPTION
	DIM F	DIM G	DIM H			AVAILABLE	
	MM	MM	MM				
78995-XY Y	19.38	8.97	7.87	POLY BAGS	-	NO	NA
78996-XY Y	18.49	8.20	7.75	POLY BAGS	-	NO	NA
79242-XY Y	23.62	8.64	12.45	POLY BAGS	-	NO	OB
79243-XY Y	31.24	9.91	18.80	POLY BAGS	-	NO	OB
79244-XY Y	12.45	3.05	6.86	POLY BAGS	-	NO	NA
79268-XY Y	25.91	3.05	20.32	POLY BAGS	-	NO	OB
79271-XY Y	27.94	12.70	12.70	POLY BAGS	-	NO	OB
79425-XY Y	10.41	3.05	4.83	POLY BAGS	-	NO	SEE SHEET 9
79821-XY Y	18.54	5.08	10.92	POLY BAGS	-	NO	NA
84610-XY YH	9.65	3.05	4.06	POLY BAGS	-	NO	OB
84760-XY YH	22.09	3.81	15.74	POLY BAGS	-	NO	OB
84784-XY YH	28.70	3.09	23.06	POLY BAGS	-	NO	OB
84934-XY YH	34.93	15.88	16.51	POLY BAGS	-	NO	OB
84976-XY YH	18.54	10.61	5.84	POLY BAGS	-	NO	OB
86503-XY Y	11.94	3.05	6.35	POLY BAGS	-	NO	SEE SHEET 9
86581-XY Y	11.56	3.18	5.84	POLY BAGS	NOTE 13	NO	OB
86817-XY Y	23.50	3.05	17.91	POLY BAGS	-	NO	OB
86827-XY Y	17.78	3.05	12.19	POLY BAGS	-	NO	OB
86832-XY Y	13.34	2.54	8.26	POLY BAGS	-	NO	NA
86834-XY Y	33.91	14.86	16.51	POLY BAGS	-	NO	OB
86836-XY Y	22.10	3.05	16.51	POLY BAGS	-	NO	OB
86837-XY Y	15.24	3.05	9.65	SEE NOTE1	-	NO	SEE SHEET 9
87037-XY Y	31.50	3.05	25.91	POLY BAGS	-	NO	OB
87052-XY Y	25.15	3.05	19.56	POLY BAGS	-	NO	 NA
87203-XY Y	13.84	3.81	7.49	POLY BAGS	-	NO	OB

mat'l. code SEE NOTES 1 & 2				surface ISO 1302 ☒		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr	ecn	no	dr	date		tolerances unless otherwise specified				title			
DM						angles	linear	.XX±0.3					
						0°±2'		.XX±0.13					
								.XX±0.051		scale 2:1			
				dr	T.BREWBAKER	12/21/94							
				enr	T.HANNA	07/21/99							
				chr	J.MURPHY	07/21/99							
				appd	T.HANNA	07/21/99				dwg no			
sheet index		revision	sheet	DK	1-8					sheet 6 of 8			
										size			
										A3			
										type Product Customer Drawing			

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PRODUCT NUMBER	TOT. PIN LGTH.	TAIL LENGTH	MATING LENGTH	PACKAGING	NOTES	BERGSTRIPTM AVAILABLE	NEW OPTION
	DIM F	DIM G	DIM H				
	MM	MM	MM				
87344-XY	34.93	5.56	26.82	POLY BAGS	---	NO	OB
87345-XY	30.94	10.31	18.08	POLY BAGS	---	NO	OB
87348-XY	23.62	2.54	18.54	POLY BAGS	---	NO	OB
87349-XY	22.61	2.79	17.27	POLY BAGS	---	NO	OB
87381-XY	16.38	2.54	11.30	POLY BAGS	---	NO	OB
87382-XY	17.15	2.54	12.07	POLY BAGS	---	NO	OB
87503-XY	16.00	2.79	10.67	POLY BAGS	---	NO	OB
87869-XY	17.53	5.84	9.14	POLY BAGS	---	NO	OB
87894-XY	14.94	4.32	8.08	POLY BAGS	-	NO	SEE SHEET 9
87900-XY	23.88	3.05	18.29	POLY BAGS	-	NO	NA
87901-XY	26.42	3.05	20.83	POLY BAGS	-	NO	NA
87903-XY	24.46	8.56	13.36	POLY BAGS	---	NO	OB
88797-XY	24.13	8.13	13.46	POLY BAGS	---	NO	OB
88812-XY	10.67	2.29	5.84	POLY BAGS/TUBES	NOTE 13	NO	OB
88886-XY	33.17	7.01	23.62	POLY BAGS	---	NO	OB
89446-XY	23.62	3.05	18.03	POLY BAGS	---	NO	OB
89540-XY	19.30	7.11	9.65	POLY BAGS	---	NO	OB
89542-XY	27.05	3.18	21.34	POLY BAGS	---	NO	OB
89639-XY	32.00	3.00	26.47	POLY BAGS	---	NO	OB
91828-XY	11.43	3.05	5.84	TUBES	---	NO	OB
92417-XY	13.46	2.79	8.13	POLY BAGS	-	NO	NA
93216-XY	14.55	3.94	8.08	POLY BAGS/TUBES	---	NO	OB
93216-632HG	14.55	3.94	8.08	GPAX	NOTE 8	NO	OB

mat'l. code SEE NOTES 1 & 2				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection MM		product family BERGSTIK			
litr ecn no dr date				tolerances unless otherwise specified				MM		title BERGSTIK II HEADER D/R .100/2.54cc STRAIGHT			
DM				angles linear		.00±0.3 .00±0.13 .00±0.051		scale 2:1		dwg no sheet 7 of 8 size			
				dr T.BREWBAKER 12/21/94				Amphenol FCI		67996 A3			
				enr T.HANNA 07/21/99						type Product Customer Drawing			
				chr J.MURPHY 07/21/99									
				appd T.HANNA 07/21/99									
sheet index		revision sheet		DK 1-8									

