

PRODUCT NUMBER

XXXXX-YYY X X XF

GREEN OPTION  
SEE NOTE 1,13  
PACKAGE OPTION  
SEE NOTE 1 OR 10 OR 20

HIGH TEMPERATURE PLASTIC  
SEE NOTE 1

NO OF  
POSITIONS  
SEE NOTE 1

PIN PLATING  
SEE SHEET 2

BASE PART NO.  
SEE SHEET 4 TO 8

67996-X XX XXX XXX X XF

GREEN OPTION  
(SEE NOTE 1,13)

PACKAGE  
(SEE NOTE 20)

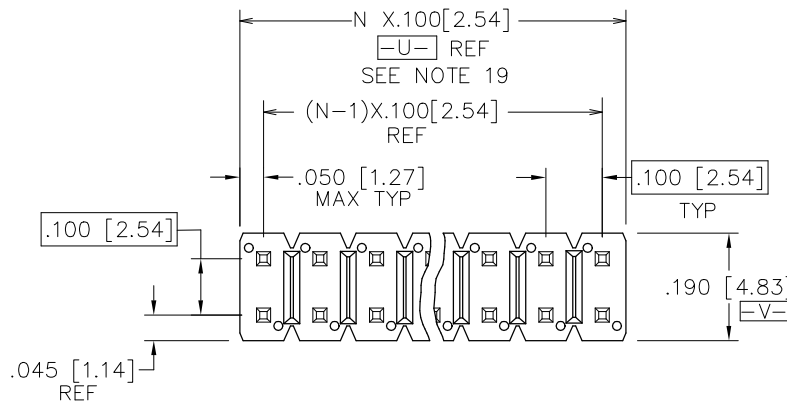
TAIL LENGTH (EXAMPLE BELOW)  
3.0mm=030 12.8mm=128  
(SEE NOTE 16 & 17)

MATING LENGTH (EXAMPLE BELOW)  
5.0mm=050 25.5mm=255  
(SEE NOTE 16 & 17)

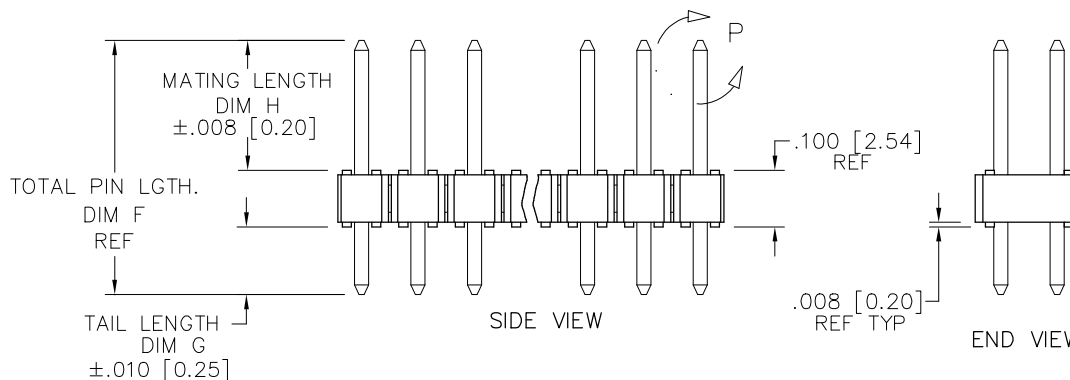
TOTAL NUMBER OF POSITIONS  
FROM 2 (2X1) THRU 72 (2X36) POS.

PIN PLATING (SEE NOTE 14)  
1=0.76µm Au  
4= PURE TIN  
8=0.36µm Au

BASE PART NO.  
DOUBLE ROW

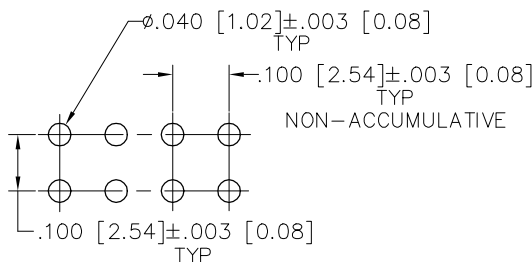


TOP VIEW

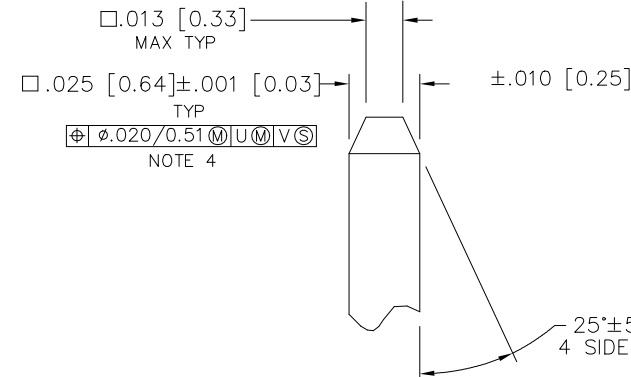


SIDE VIEW

END VIEW



RECOMMENDED HOLE PATTERN



DETAIL P  
SCALE 5:1  
TYP BOTH ENDS

mat'l. code SEE NOTES 1 & 2				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family BERGSTIK
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
DF	N11	0180	J.Z	2011-05-31	angles linear		BERGSTIK II HEADER D/R
DG	ELX	N-13471	J.Z	2011-11-16			.100/2.54cc STRAIGHT
DH	ELX	N-16105	ZK	2013-10-22	0°±2°		
DJ	ELX	N-37975	MKX	2020-8-11	dr	T.BREWBAKER 12/21/94	
DK	ELX	N-38872	MKX	2020-11-04	enr	T.HANNA 07/21/99	
					chr	J.MURPHY 07/21/99	
					appd	T.HANNA 07/21/99	
sheet index	revision	DJ					dwg no
	sheet	1-8					sheet 1 of 8
							size
							A3
							type
							Product Customer Drawing

## PIN PLATING CODES:

XXXXX-1YY	30u"/0.76u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXXX-2YY	15u"/0.38u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXXX-3YY	50u"/1.27u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 15)
XXXXX-4YYHLF	
XXXXX-5YY	15u"/0.38u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXXX-6YY	30u"/0.76u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXXX-7YY	30u"/0.76u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXXX-8YY	15u"/0.38u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXXX-9YY	15u"/0.38u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXXX-0YY	30u"/0.76u 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.

## 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:

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 "G" ARE PACKAGED IN GPAX FOR IBM ONLY. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

PART NUMBERS FOLLOWED BY A "C" ARE PACKAGED IN TUBES WITH A PICKUP CAP APPLIED.

EIGHT DIGIT PART NUMBERS FOLLOWED BY A "A" ARE PACKAGED IN TAPE/REEL WITH PICKUP CAP P/N 95730-003 APPLIED.

## LEAD FREE:

ADD "HLF" 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-XYX-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

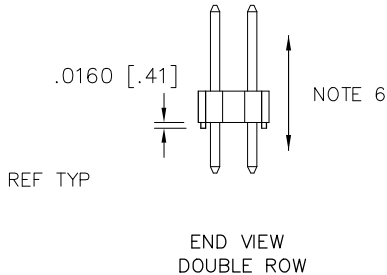
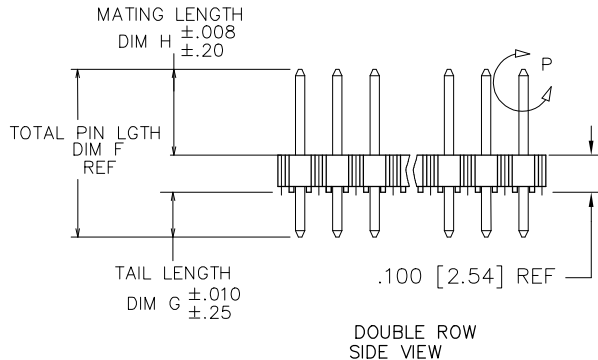
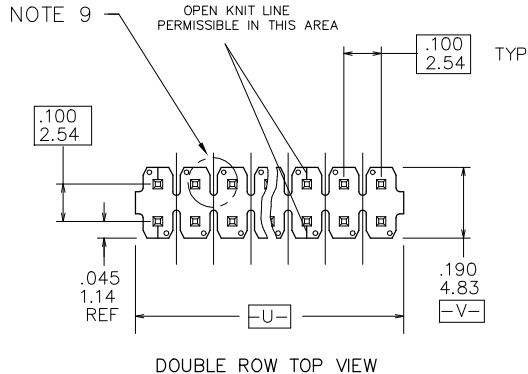
18. FOR SPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY

19. TO DETERMINE DIMENSIONS:  
N=NUMBER OF POSITION PER ROW  
EXAMPLE: 10 POS. N X .100/2.54

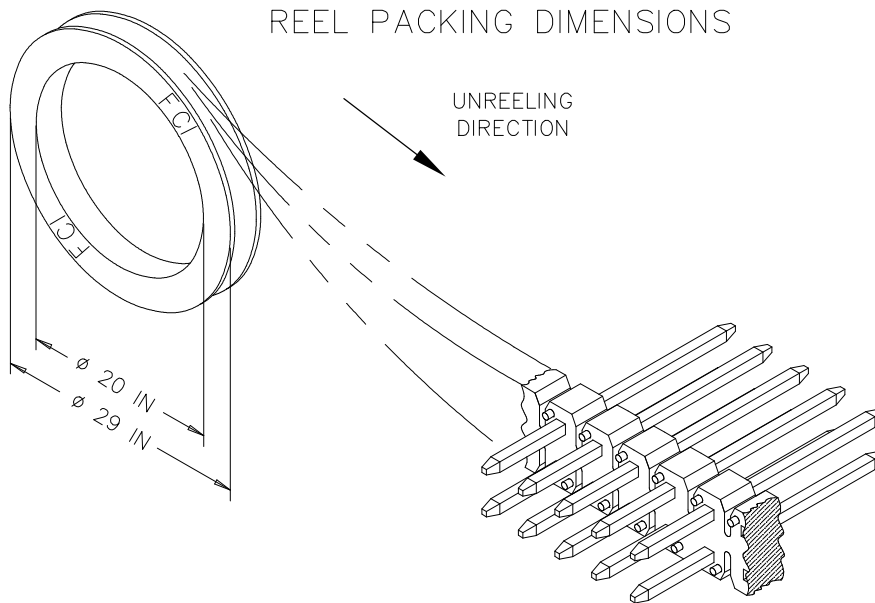
20. PART NUMBERS 68602 OR 67996 FOLLOWED BY A "D" ARE PACKAGED IN TAPE/REEL WITHOUT PICKUP CAP.

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			
DK					angles	linear	.XX±0.01/0.3				BERGSTIK II HEADER D/R .100/2.54cc STRAIGHT				
				.XXX±0.005/.XXX±0.13											
					0°±2°		.XXXX±0.0020/.XXXX±0.051			INCH/MM					
							scale 2:1								
					dr	T.BREWBAKER	12/21/94			dwg no		sheet2 of 8		size	
					engr	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											

# BERGSTRIPTM HEADER



## REEL PACKING DIMENSIONS



mat'l. code SEE NOTES 1 & 2				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family BERGSTIK
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
DK					angles linear 0°±2°	scale 2:1	BERGSTIK II HEADER D/R .100/2.54cc STRAIGHT
					dr T.BREWBAKER 12/21/94		dwg no sheet3 of 8 size
					enr T.HANNA 07/21/99		67996 A3
					chr J.MURPHY 07/21/99		type Product Customer Drawing
					appd T.HANNA 07/21/99		
sheet index	revision sheet	DK 1-8					



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PRODUCT NUMBER	1   TOT. PIN LGTH.		2   TAIL LENGTH		3   MATING LENGTH		PACKAGING	NOTES	BERGSTRIPTM AVAILABLE	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H				
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC				
<del>69132</del> -XYY	<del>0.760</del>	<del>19.30</del>	<del>0.120</del>	<del>3.05</del>	<del>0.540</del>	<del>13.72</del>	POLY BAGS/TUBES	---	NO	OB NOTE 1,13
69133-XYY	0.615	15.62	0.285	7.24	0.230	5.84	POLY BAGS	-	NO	
69157-XYY	0.410	10.41	0.110	2.79	0.200	5.08	POLY BAGS	-	NO	
<del>71217</del> -XYYH	<del>1.000</del>	<del>25.40</del>	<del>0.450</del>	<del>11.43</del>	<del>0.450</del>	<del>11.43</del>	POLY BAGS	---	NO	
<del>71222</del> -XYYH	<del>0.850</del>	<del>21.59</del>	<del>0.250</del>	<del>6.35</del>	<del>0.500</del>	<del>12.70</del>	POLY BAGS	---	NO	
<del>72273</del> -XYYH	<del>0.725</del>	<del>18.42</del>	<del>0.110</del>	<del>2.79</del>	<del>0.515</del>	<del>13.08</del>	POLY BAGS	---	NO	
<del>72448</del> -XYYH	<del>0.658</del>	<del>16.71</del>	<del>0.172</del>	<del>4.37</del>	<del>0.386</del>	<del>9.80</del>	POLY BAGS	---	NO	
<del>72455</del> -XYYH	<del>0.598</del>	<del>15.19</del>	<del>0.180</del>	<del>4.57</del>	<del>0.318</del>	<del>8.08</del>	POLY BAGS	---	NO	
72455-632HG	0.598	15.19	0.180	4.57	0.318	8.08	GPAX	NOTE 1	NO	
<del>73503</del> -XYYH	<del>0.420</del>	<del>10.67</del>	<del>0.120</del>	<del>3.05</del>	<del>0.200</del>	<del>5.08</del>	POLY BAGS	---	NO	
<del>73596</del> -XYYH	<del>0.795</del>	<del>20.19</del>	<del>0.110</del>	<del>2.79</del>	<del>0.585</del>	<del>14.86</del>	POLY BAGS	---	NO	OB
<del>74317</del> -XYYH	<del>0.532</del>	<del>13.51</del>	<del>0.309</del>	<del>7.85</del>	<del>0.123</del>	<del>3.12</del>	POLY BAGS	NOTE 11	NO	
<del>74318</del> -XYYH	<del>0.592</del>	<del>15.04</del>	<del>0.369</del>	<del>9.37</del>	<del>0.123</del>	<del>3.12</del>	POLY BAGS	NOTE 11	NO	
<del>74999</del> -XYYH	<del>0.508</del>	<del>12.90</del>	<del>0.090</del>	<del>2.29</del>	<del>0.318</del>	<del>8.08</del>	POLY BAGS	---	NO	
<del>78212</del> -XYY	<del>0.710</del>	<del>18.03</del>	<del>0.350</del>	<del>8.89</del>	<del>0.260</del>	<del>6.60</del>	POLY BAGS	---	NO	
78233-XYY	0.568	14.43	0.150	3.81	0.318	8.08	POLY BAGS	-	NO	
<del>78269</del> -XYY	<del>0.385</del>	<del>9.78</del>	<del>0.095</del>	<del>2.41</del>	<del>0.190</del>	<del>4.83</del>	POLY BAGS	---	NO	
<del>78286</del> -XYY	<del>0.500</del>	<del>12.70</del>	<del>0.160</del>	<del>4.06</del>	<del>0.240</del>	<del>6.10</del>	POLY BAGS/TUBES	---	NO	
78932-XYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			-	-	
<del>78933</del> -XYY	<del>0.695</del>	<del>17.65</del>	<del>0.285</del>	<del>7.24</del>	<del>0.310</del>	<del>7.87</del>	POLY BAGS	---	NO	
<del>78988</del> -XYY	<del>0.540</del>	<del>13.72</del>	<del>0.135</del>	<del>3.43</del>	<del>0.305</del>	<del>7.75</del>	POLY BAGS	---	NO	
78989-XYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			-	-	OB
78990-XYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			-	-	
78991-XYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			-	-	
78992-XYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			-	-	
78993-XYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			-	-	
78994-XYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			-	-	

NOTE 1,13

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	
DK								angles		linear		BERGSTIK II HEADER D/R	
								0±2°				INCH/MM	
								dr		T.BREWBAKER 12/21/94		sheet5 of 8	
								enr		T.HANNA 07/21/99		size	
								chr		J.MURPHY 07/21/99		A3	
								appd		T.HANNA 07/21/99		type Product Customer Drawing	
sheet index		revision sheet		DK 1-8									







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PRODUCT NUMBER	1		2				3		4		BERGSTRIIP AVAILABLE	LF OPTION	
	TOT. PIN	LGTH.	TAIL LENGTH		MATING LENGTH				PACKAGING	NOTES			
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H							
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC							
<del>94010-XYH</del>	<del>0.756</del>	<del>19.20</del>	<del>0.350</del>	<del>8.89</del>	<del>0.306</del>	<del>7.77</del>	<del>POLY BAGS</del>		<del>---</del>	<del>---</del>	<del>NO</del>	NOTE 1,13 OB OB OB OB OB OB OB OB OB	
<del>94532-XYH</del>	<del>1.250</del>	<del>31.75</del>	<del>0.450</del>	<del>11.43</del>	<del>0.700</del>	<del>17.78</del>	<del>POLY BAGS</del>		<del>---</del>	<del>---</del>	<del>NO</del>		
<del>95105-XYH</del>	<del>0.370</del>	<del>9.40</del>	<del>0.126</del>	<del>3.20</del>	<del>0.144</del>	<del>3.66</del>	<del>POLY BAGS</del>		<del>---</del>	<del>---</del>	<del>NO</del>		
<del>95645-XYH</del>	<del>0.350</del>	<del>8.89</del>	<del>0.100</del>	<del>2.54</del>	<del>0.150</del>	<del>3.81</del>	<del>POLY BAGS</del>		<del>---</del>	<del>---</del>	<del>NO</del>		
<del>95652-XYH</del>	<del>0.500</del>	<del>12.70</del>	<del>0.070</del>	<del>1.78</del>	<del>0.330</del>	<del>8.38</del>	<del>POLY BAGS</del>		<del>---</del>	<del>---</del>	<del>NO</del>		
<del>95665-XYH</del>	<del>0.835</del>	<del>21.21</del>	<del>0.335</del>	<del>8.51</del>	<del>0.400</del>	<del>10.16</del>	<del>POLY BAGS</del>		<del>---</del>	<del>---</del>	<del>NO</del>		
95687-XYH	0.820	20.83	0.360	9.14	0.360	9.14	POLY BAGS		---	---	NO		
<del>95712-XYH</del>	<del>1.090</del>	<del>27.69</del>	<del>0.110</del>	<del>2.79</del>	<del>0.880</del>	<del>22.35</del>	<del>POLY BAGS</del>		<del>---</del>	<del>---</del>	<del>NO</del>		
<del>95727-XYH</del>	<del>0.825</del>	<del>20.96</del>	<del>0.110</del>	<del>2.79</del>	<del>0.615</del>	<del>15.62</del>	<del>POLY BAGS</del>		<del>---</del>	<del>---</del>	<del>NO</del>		
<del>98181-XYH</del>	<del>0.760</del>	<del>19.30</del>	<del>0.218</del>	<del>5.54</del>	<del>0.442</del>	<del>11.23</del>	<del>POLY BAGS</del>		<del>---</del>	<del>---</del>	<del>NO</del>		
<del>98217-XYH</del>	<del>0.756</del>	<del>19.20</del>	<del>0.328</del>	<del>8.33</del>	<del>0.328</del>	<del>8.33</del>	<del>POLY BAGS</del>		<del>---</del>	<del>---</del>	<del>NO</del>		
<del>98329-XYH</del>	<del>0.930</del>	<del>23.62</del>	<del>0.415</del>	<del>10.54</del>	<del>0.415</del>	<del>10.54</del>	<del>POLY BAGS</del>		<del>---</del>	<del>---</del>	<del>NO</del>		
<del>98854-XYH</del>	<del>0.450</del>	<del>11.43</del>	<del>0.120</del>	<del>3.05</del>	<del>0.230</del>	<del>5.84</del>	<del>TUBES</del>		<del>---</del>	<del>---</del>	<del>NO</del>		
10017852-XYH	0.450	11.43	0.125	3.18	0.225	5.72	POLYBAGS		---	---	NO	NOTE 1,13 OB OB	
10074747-XYH	0.850	21.59	0.520	13.21	0.230	5.84	POLYBAGS		---	---	NO		

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
DK					angles linear .XX±0.01/0.3 .XXX±0.005/.XXX±0.13 .XXXX±0.0020/.XXX±0.051	INCH/MM	BERGSTIK II HEADER D/R
					0±2°	scale 2:1	.100/2.54cc STRAIGHT
				dr	T.BREWBAKER 12/21/94	Amphenol FCI	dwg no
				enr	T.HANNA 07/21/99		sheet8 of 8 size
				chr	J.MURPHY 07/21/99		67996 A3
				appd	T.HANNA 07/21/99		type Product Customer Drawing
sheet index	revision sheet	DK 1-8					