

NOTES

①. FOR PRODUCT GEOMETRIC AND GENERAL INFORMATION SEE DWG 93197.

NUMBER OF POSITION:
 ANY NUMBER OF POSITIONS FROM 1 THRU 36.
 PACKAGING:
 PACKAGED IN POLYBAGS.

LEAD FREE:
 ADD "HLF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.

BODY MATERIAL:
 BERGSTIK: MANUFACTURER'S OPTION OF NYLON, PCT GLASS FIBER REINFORCED, FLAME RETARDENT PER UL-94V-0.
 COLOR : BLACK OR MINERAL FILLED LCP, FLAME RETARDENT PER UL-94V-0.
 COLOR BLACK.

②. PART NUMBERS WITH "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

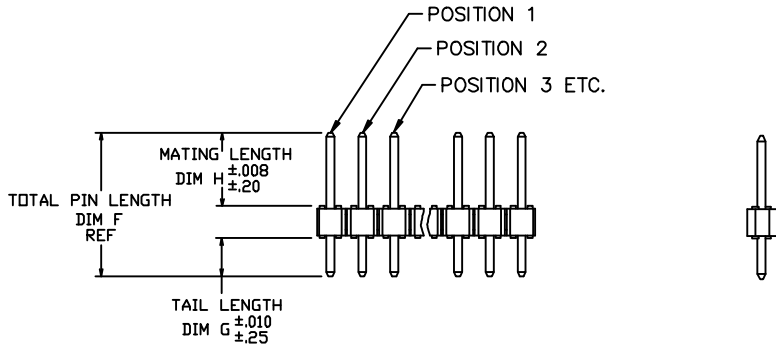
PART NUMBERS WITHOUT "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR WAVE SOLDER PROCESS.

③. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

4. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

⑤. PLATING OPTIONS: MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

⑥. APPLY TOLERANCE ±.005 IN TAIL LENGTH FOR PART NUMBERS 68448-243HLF & 68448-244HLF



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mat'l. code				surface ISO 1902		tolerance ISO 406 ISO 7001		projection ISO 1002		product family BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified							
DJ	M06-0268	MHT	7/17/06	angles	XXX.X/XXX.3		INCH/MM		title BERGSTIK® II HDR. S/R POL. .100/2.54cc		
DK	M06-0435	MHT	10/31/06	linear	XXX±.006/XXX±.013		scale 1:1		dwg no 68448		
DL	M06-0502	MHT	12/19/06	0°±2'	XXX±.0020/XXX±0.051				sheet 1 of 10 size A3		
DM	M07-0258	MHT	6/05/07	dr	T.BREWBAKER 12/19/94		FCI		type Product Customer Drawing		
DN	M07-0328	AGS	7/17/07	engr	T.HANNA 12/19/94						
DP	M07-0434	MHT	10/02/07	chr	T.HANNA 12/19/94						
DR	M08-0269	MHT	9/30/08	appd	T.HANNA 12/19/94						
sheet	revision	DR	DR	DR	DR	DR	DR	DR	DR	DR	DR
index	sheet	1	2	3	4	5	6	7	8	9	10

PRODUCT NUMBER	1		2				3		4		5		LF OPTION
	NO. OF	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		PIN PLATING CODE	POLARIZED POSITIONS	LF OPTION			
		POS	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH					METRIC	
68448-001	9	0.425	10.80	0.095	2.41	0.230	5.84	1	4	NOTE 1,3			
68448-002	10	0.425	10.80	0.095	2.41	0.230	5.84	4	2				
68448-003	14	0.548	13.92	0.130	3.30	0.318	8.08	2	6				
68448-004	16	0.480	12.19	0.150	3.81	0.230	5.84	1	14				
68448-005	16	0.480	12.19	0.150	3.81	0.230	5.84	1	2.5				
68448-006	8	0.480	12.19	0.150	3.81	0.230	5.84	1	2				
68448-007	4	0.480	12.19	0.150	3.81	0.230	5.84	1	2				
68448-008	20	0.480	12.19	0.150	3.81	0.230	5.84	1	6				
68448-009	5	0.425	10.80	0.095	2.41	0.230	5.84	4	2.4				
68448-010	5	0.450	11.43	0.120	3.05	0.230	5.84	4	2.4				
68448-011	4	0.425	10.80	0.095	2.41	0.230	5.84	4	2				
68448-012	8	0.621	15.77	0.203	5.16	0.318	8.08	2	2				
68448-013	7	0.621	15.77	0.203	5.16	0.318	8.08	2	3				
68448-014	32	0.621	15.77	0.203	5.16	0.318	8.08	2	2.5.9.20.26.31				
68448-015	5	0.718	18.24	0.388	9.86	0.230	5.84	1	2				
68448-016	17	0.708	17.98	0.473	12.01	0.135	3.43	4	9				
68448-017	10	0.708	17.98	0.473	12.01	0.135	3.43	4	5				
68448-018	12	0.621	15.77	0.203	5.16	0.318	8.08	2	6				
68448-019	18	0.913	23.19	0.213	5.41	0.600	15.24	1	2.8.10.12				
68448-020	11	0.543	13.79	0.213	5.41	0.230	5.84	1	2.5				
68448-021	8	0.925	23.50	0.128	3.25	0.697	17.70	1	2				
68448-022	6	0.450	11.43	0.120	3.05	0.230	5.84	1	2				
68448-023	3	0.450	11.43	0.120	3.05	0.230	5.84	4	2				
68448-024	6	0.395	10.03	0.095	2.41	0.200	5.08	1	3				
68448-025	8	0.395	10.03	0.095	2.41	0.200	5.08	1	3				
68448-026	7	0.513	13.03	0.183	4.65	0.230	5.84	1	3				
68448-027	6	0.513	13.03	0.183	4.65	0.230	5.84	1	2	NOTE 1,3			



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mat'l. code		surface		tolerance		projection		product family	
		ISO 1302		ISO 406		1st angle		BERGSTIK	
				ISO 7001		INCH/MM		title	
ltr		ecn no		dr		date		BERGSTIK® II HDR.	
DR								S/R POL. .100/2.54cc	
								dwg no	
								68448	
								sheet 2 of 10 size	
								A3	
								type	
								Product Customer Drawing	
sheet		revision							
index		sheet							

Form A3 1 2 3 4 5 6

PRODUCT NUMBER	1		2				3		4		5		LF OPTION
	NO. OF	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		PIN PLATING	POLARIZED	LF OPTION			
		POS	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH					METRIC	
68448-028	12	0.450	11.43	0.120	3.05	0.230	5.84	4	2	NOTE 1,3			
68448-029	10	0.450	11.43	0.120	3.05	0.230	5.84	4	2				
68448-030	8	0.450	11.43	0.120	3.05	0.230	5.84	4	2				
68448-031	5	0.450	11.43	0.120	3.05	0.230	5.84	4	2				
68448-032	4	0.450	11.43	0.120	3.05	0.230	5.84	4	2				
68448-033	6	0.513	13.03	0.183	4.65	0.230	5.84	1	3				
68448-034	6	0.587	14.91	0.120	3.05	0.367	9.32	4	2				
68448-035	5	0.450	11.43	0.120	3.05	0.230	5.84	1	2				
68448-036	6	0.425	10.80	0.095	2.41	0.230	5.84	1	3				
68448-037	4	0.543	13.79	0.213	5.41	0.230	5.84	4	2				
68448-038	10	0.548	13.92	0.130	3.30	0.318	8.08	2	4				
68448-039	4	0.450	11.43	0.120	3.05	0.230	5.84	1	2				
68448-040	4	0.513	13.03	0.183	4.65	0.230	5.84	3	2				
68448-041	12	0.513	13.03	0.183	4.65	0.230	5.84	1	2				
68448-042	4	0.425	10.80	0.095	2.41	0.230	5.84	3	2				
68448-043	5	0.425	10.80	0.095	2.41	0.230	5.84	3	2				
68448-044	6	0.425	10.80	0.095	2.41	0.230	5.84	3	2				
68448-045	8	0.425	10.80	0.095	2.41	0.230	5.84	3	2				
68448-046	10	0.425	10.80	0.095	2.41	0.230	5.84	3	2				
68448-047	12	0.425	10.80	0.095	2.41	0.230	5.84	3	2				
68448-048	14	0.425	10.80	0.095	2.41	0.230	5.84	3	2				
68448-049	16	0.425	10.80	0.095	2.41	0.230	5.84	3	2				
68448-050	20	0.425	10.80	0.095	2.41	0.230	5.84	3	2				
68448-051	24	0.425	10.80	0.095	2.41	0.230	5.84	3	2				
68448-052	12	0.425	10.80	0.095	2.41	0.230	5.84	3	3				
68448-053	16	0.425	10.80	0.095	2.41	0.230	5.84	3	3				
68448-054	32	0.425	10.80	0.095	2.41	0.230	5.84	3	6.15.30	NOTE 1,3			



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mat'l. code		surface ISO 1302		tolerance ISO 406 ISO 1101		projection		product family BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title	
DR				angles	linear	XXX.X/XXX.3	INCH/MM		BERGSTIK® II HDR.
				0°±2'		XXX.X/XXX.13	scale 1:1		S/R POL. .100/2.54cc
						XXX.X/XXX.051			dwg no 68448
				dr	T.BREWBAKER	12/19/94	FCJ		sheet 3 of 10 size A3
				engr	T.HANNA	12/19/94			type Product Customer Drawing
				chr	T.HANNA	12/19/94			
				appd	T.HANNA	12/19/94			
sheet index	revision sheet								

PRODUCT NUMBER	1		2				3		4		5		6
	NO. OF	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	PIN PLATING	POLARIZED	LF			
	POS	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	CODE	POSITION	OPTION			
68448-055	4	0.450	11.43	0.120	3.05	0.230	5.84	2	2	NOTE 1,3			
68448-056	8	0.450	11.43	0.120	3.05	0.230	5.84	3	2				
68448-057	8	0.450	11.43	0.120	3.05	0.230	5.84	3	3				
68448-058	10	0.450	11.43	0.120	3.05	0.230	5.84	3	2				
68448-059	10	0.450	11.43	0.120	3.05	0.230	5.84	3	3				
68448-060	12	0.450	11.43	0.120	3.05	0.230	5.84	3	5				
68448-061	12	0.450	11.43	0.120	3.05	0.230	5.84	3	6				
68448-062	6	0.425	10.80	0.095	2.41	0.230	5.84	3	2.4				
68448-063	7	0.425	10.80	0.095	2.41	0.230	5.84	3	2.4				
68448-064	16	0.480	12.19	0.150	3.81	0.230	5.84	2	3				
68448-065	16	0.480	12.19	0.150	3.81	0.230	5.84	2	2.5				
68448-066	16	0.480	12.19	0.150	3.81	0.230	5.84	2	2.4.14				
68448-067	20	0.480	12.19	0.150	3.81	0.230	5.84	2	7				
68448-068	16	0.480	12.19	0.150	3.81	0.230	5.84	2	4				
68448-069	8	0.480	12.19	0.150	3.81	0.230	5.84	2	2				
68448-070	20	0.480	12.19	0.150	3.81	0.230	5.84	2	4.5.7.8				
68448-071	4	0.480	12.19	0.150	3.81	0.230	5.84	2	2				
68448-072	20	0.480	12.19	0.150	3.81	0.230	5.84	2	6				
68448-073	3	0.425	10.80	0.095	2.41	0.230	5.84	1	2				
68448-074	6	0.425	10.80	0.095	2.41	0.230	5.84	1	2				
68448-075	6	0.480	12.19	0.150	3.81	0.230	5.84	1	3				
68448-076	5	0.513	13.03	0.183	4.65	0.230	5.84	3	2				
68448-077	4	0.425	10.80	0.095	2.41	0.230	5.84	3	2				
68448-078				NOT AVAILABLE - SUPERSEDED BY				68448-045					
68448-079	4	0.425	10.80	0.095	2.41	0.230	5.84	4	2				
68448-080	4	0.425	10.80	0.095	2.41	0.230	5.84	2	2				
68448-081	4	0.425	10.80	0.095	2.41	0.230	5.84	2	2	NOTE 1,3			



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mat'l. code		surface <input checked="" type="checkbox"/> ISO 902		tolerance <input checked="" type="checkbox"/> ISO 406		projection		product family BERGSTIK	
ltr		ecn no		dr		date		title	
DR								BERGSTIK® II HDR.	
								S/R POL. .100/2.54cc	
								dwg no 68448	
								sheet 4 of 10 size A3	
								type Product Customer Drawing	
sheet index		revision sheet							

Form A3 1 2 3 4 5 6

PRODUCT NUMBER	1		2				3		4		5		6
	NO. OF	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		PIN PLATING	POLARIZED	LF	OPTION		
		POS	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH					METRIC	
68448-082	5	0.425	10.80	0.095	2.41	0.230	5.84	4	2	NOTE 1,3			
68448-083	5	0.425	10.80	0.095	2.41	0.230	5.84	2	2				
68448-084	5	0.425	10.80	0.095	2.41	0.230	5.84	2	2				
68448-085	6	0.425	10.80	0.095	2.41	0.230	5.84	4	2				
68448-086	6	0.425	10.80	0.095	2.41	0.230	5.84	2	2				
68448-087	6	0.425	10.80	0.095	2.41	0.230	5.84	2	2				
68448-088	7	0.425	10.80	0.095	2.41	0.230	5.84	4	2				
68448-089	7	0.425	10.80	0.095	2.41	0.230	5.84	2	2				
68448-090	7	0.425	10.80	0.095	2.41	0.230	5.84	2	2				
68448-091	36	0.450	11.43	0.120	3.05	0.230	5.84	1	ALL EVEN				
68448-092	6	0.510	12.95	0.180	4.57	0.230	5.84	1	3				
68448-093	6	0.480	12.19	0.150	3.81	0.230	5.84	1	2				
68448-094	12	0.480	12.19	0.150	3.81	0.230	5.84	1	2				
68448-095	9	0.555	14.10	0.225	5.72	0.230	5.84	1	2				
68448-096	7	0.425	10.80	0.095	2.41	0.230	5.84	4	3.4.6				
68448-097	9	0.425	10.80	0.095	2.41	0.230	5.84	1	2				
68448-098	5	0.525	13.34	0.107	2.72	0.318	8.08	4	2.3				
68448-099	12	0.548	13.92	0.130	3.30	0.318	8.08	2	6				
68448-100	4	0.455	11.56	0.125	3.18	0.230	5.84	1	2				
68448-101	9	0.450	11.43	0.120	3.05	0.230	5.84	2	2				
68448-102	9	0.450	11.43	0.120	3.05	0.230	5.84	2	2				
68448-103	5	0.450	11.43	0.120	3.05	0.230	5.84	1	2.4				
68448-104			NO	AVAILABLE									
68448-105	8	0.548	13.92	0.130	3.30	0.318	8.08	4	2				
68448-106			NO	AVAILABLE									
68448-107			NO	AVAILABLE									
68448-108			NO	AVAILABLE									



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mat'l. code				surface <input checked="" type="checkbox"/> ISO 1302 <input type="checkbox"/> ISO 406 <input type="checkbox"/> ISO 7101		projection		product family BERGSTIK		
ltr	ecn no	dr	date	tolerances unless otherwise specified				title		
DR				angles	linear	<input checked="" type="checkbox"/> X0.1/0.13 <input type="checkbox"/> X0.05/0.063 <input type="checkbox"/> X0.02/0.025		BERGSTIK® II HDR. S/R POL. .100/2.54cc		
				0°±2'		<input type="checkbox"/> X0.01/0.0125 <input type="checkbox"/> X0.005/0.0063		scale 1:1		
		dr	T.BREWBAKER	12/19/94			dwg no		sheet 5 of 10	
		engr	T.HANNA	12/19/94			68448		A3	
		chr	T.HANNA	12/19/94						
		appd	T.HANNA	12/19/94						
sheet index	revision sheet									

PRODUCT NUMBER	1		2				3		4		5		6
	NO. OF POS	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		PIN PLATING CODE	POLARIZED POSITION	LF OPTION	LF OPTION		
		ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC						
68448-109			NO	AVAILABLE							NOTE 1,3		
68448-110			NO	AVAILABLE									
68448-111			NO	AVAILABLE									
68448-112	3	0.480	12.19	0.150	3.81	0.230	5.84	1	2				
68448-113	5	0.480	12.19	0.150	3.81	0.230	5.84	1	2.4				
68448-114			NOT	AVAILABLE									
68448-115			NOT	AVAILABLE									
68448-116	3	0.450	11.43	0.120	3.05	0.230	5.84	3	2				
68448-117	6	0.538	13.67	0.120	3.05	0.318	8.08	1	2				
68448-118	18	0.450	11.43	0.120	3.05	0.230	5.84	1	7				
68448-119			NO	AVAILABLE									
68448-120			NO	AVAILABLE									
68448-121	3	0.450	11.43	0.120	3.05	0.230	5.84	1	2				
68448-122	10	0.538	13.67	0.120	3.05	0.318	8.08	4	2				
68448-123	3	0.450	11.43	0.120	3.05	0.230	5.84	2	2				
68448-124	4	0.751	19.08	0.333	8.46	0.318	8.08	4	2				
68448-125	7	0.751	19.08	0.333	8.46	0.318	8.08	4	3				
68448-126			NO	AVAILABLE									
68448-127	18	0.450	11.43	0.120	3.05	0.230	5.84	1	7				
68448-128	16	0.450	11.43	0.120	3.05	0.230	5.84	2	3				
68448-129	9	0.425	10.80	0.095	2.41	0.230	5.84	1	2.4.6.8				
68448-130	5	0.450	11.43	0.120	3.05	0.230	5.84	2	2				
68448-131	5	0.450	11.43	0.120	3.05	0.230	5.84	2	2				
68448-132	5	0.425	10.80	0.095	2.41	0.230	5.84	4	1				
68448-133	17	0.425	10.80	0.095	2.41	0.230	5.84	4	3				
68448-134	8	0.425	10.80	0.095	2.41	0.230	5.84	4	2				
68448-135	4	0.588	14.94	0.170	4.32	0.318	8.08	1	2.3		NOTE 1,3		



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mat'l. code		surface		tolerance		projection		product family	
		ISO 1902		ISO 406		1st angle		BERGSTIK	
itr		ecn no		dr		date		title	
DR								BERGSTIK® II HDR.	
								S/R POL. .100/2.54cc	
								dwg no	
								68448	
								sheet 6 of 10	
								size	
								A3	
								type	
								Product Customer Drawing	
sheet		revision							
index		sheet							

PRODUCT NUMBER	1		2				3		4		5		6	
	NO. OF	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		PIN PLATING		POLARIZED		LF OPTION		
		POS	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	CODE	POSITION	NOTE 1,3			
68448-136	4	0.538	13.67	0.120	3.05	0.318	8.08	2	2	NOTE 1,3				
68448-137	6	0.568	14.43	0.150	3.81	0.318	8.08	1	2.3.4.5					
68448-138	5	0.450	11.43	0.120	3.05	0.230	5.84	3	2					
68448-139	7	0.425	10.80	0.095	2.41	0.230	5.84	4	5					
68448-140	9	0.450	11.43	0.120	3.05	0.230	5.84	1	2					
68448-141	6	0.538	13.67	0.120	3.05	0.318	8.08	1	3.5					
68448-142	6	0.538	13.67	0.120	3.05	0.318	8.08	1	1.5					
68448-143	24	0.555	14.10	0.120	3.05	0.335	8.51	4	7.9.16.18					
68448-144	8	0.513	13.03	0.095	2.41	0.318	8.08	4	6					
68448-145	7	0.450	11.43	0.120	3.05	0.230	5.84	4	2.4.6					
68448-146	3	0.425	10.80	0.095	2.41	0.230	5.84	4	2					
68448-147	3	0.538	13.67	0.120	3.05	0.318	8.08	2	1					
68448-148	3	0.538	13.67	0.120	3.05	0.318	8.08	2	2					
68448-149	10	0.450	11.43	0.120	3.05	0.230	5.84	4	3.4.5.6.7.8					
68448-150	12	0.543	13.79	0.125	3.18	0.318	8.08	2	7					
68448-151	4	0.538	13.67	0.120	3.05	0.318	8.08	4	2					
68448-152	12	0.538	13.67	0.120	3.05	0.318	8.08	4	10					
68448-153	8	0.820	20.83	0.130	3.30	0.590	14.99	4	2.4.6.7					
68448-154	4	0.450	11.43	0.120	3.05	0.230	5.84	2	2					
68448-155	6	0.450	11.43	0.120	3.05	0.230	5.84	2	3					
68448-156	7	0.450	11.43	0.120	3.05	0.230	5.84	2	3					
68448-157	14	0.450	11.43	0.120	3.05	0.230	5.84	2	2					
68448-158	8	0.450	11.43	0.120	3.05	0.230	5.84	4	5.7					
68448-159	11	0.450	11.43	0.120	3.05	0.230	5.84	4	7					
68448-160	12	0.450	11.43	0.120	3.05	0.230	5.84	4	9					
68448-161	12	0.450	11.43	0.120	3.05	0.230	5.84	4	4					
68448-162	14	0.450	11.43	0.120	3.05	0.230	5.84	4	13	NOTE 1,3				



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mat'l. code				surface <input checked="" type="checkbox"/> ISO 1302 <input checked="" type="checkbox"/> tolerance ISO 406 ISO 7001		projection		product family BERGSTIK		
ltr	ecn no	dr	date	tolerances unless otherwise specified				title		
DR				angles	linear	X.XX.X/XX.X		BERGSTIK® II HDR.		
				0'±2'		XXX.X/006/XXX.X		S/R POL. .100/2.54cc		
						XXX.X/0020/XXX.X/0051		scale 1:1		
				dr	T.BREWBAKER	12/19/94		dwg no sheet 7 of 10 size		
				engr	T.HANNA	12/19/94		68448 A3		
				chr	T.HANNA	12/19/94		type Product Customer Drawing		
				appd	T.HANNA	12/19/94				
sheet	revision									
index	sheet									

PRODUCT NUMBER	NO. OF POS	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		PIN PLATING CODE	POLARIZED POSITION	LF OPTION
		DIM F ENGLISH	DIM F METRIC	DIM G ENGLISH	DIM G METRIC	DIM H ENGLISH	DIM H METRIC			
68448-163	7	0.450	11.43	0.120	3.05	0.230	5.84	2	2	NOTE 1,3
68448-164		NOT AVAILABLE - SUPERSEDED BY 68448-156								
68448-165	7	0.450	11.43	0.120	3.05	0.230	5.84	2	4	
68448-166	14	0.450	11.43	0.120	3.05	0.230	5.84	2	5	
68448-167	15	0.450	11.43	0.120	3.05	0.230	5.84	2	3	
68448-168	14	0.450	11.43	0.120	3.05	0.230	5.84	2	5.11	
68448-169	9	0.350	8.89	0.120	3.05	0.130	3.30	1	2	
68448-170	5	0.548	13.92	0.130	3.30	0.318	8.08	4	2.3.4	
68448-171	15	0.470	11.94	0.100	2.54	0.270	6.86	2	2	
68448-172	10	0.438	11.13	0.120	3.05	0.218	5.54	1	10	
68448-173	6	0.438	11.13	0.120	3.05	0.218	5.54	1	3	
68448-174	6	0.438	11.13	0.120	3.05	0.218	5.54	1	1	
68448-175	12	0.538	13.67	0.120	3.05	0.318	8.08	4	2.4.6.7.9.11	
68448-176	21	0.450	11.43	0.120	3.05	0.230	5.84	1	14	
68448-177	18	0.450	11.43	0.120	3.05	0.230	5.84	2	17	
68448-178	10	0.450	11.43	0.120	3.05	0.230	5.84	2	6	
68448-179	36	0.450	11.43	0.120	3.05	0.230	5.84	4	3.6.9.12.15.18.21.24.27.30.33.36	
68448-180	36	0.450	11.43	0.120	3.05	0.230	5.84	4	ALL EVEN	
68448-181H	5	0.503	12.78	0.085	2.16	0.318	8.08	1	2.3.4	
68448-182	3	0.450	11.43	0.120	3.05	0.230	5.84	2	2	
68448-183H	6	0.415	10.54	0.085	2.16	0.230	5.84	4	2.3.4	
68448-184	8	0.450	11.43	0.120	3.05	0.230	5.84	2	6	
68448-185H	13	1.030	26.16	0.090	2.29	0.840	21.34	4	2.4.6.8.10.12	
68448-186H	4	0.538	13.67	0.120	3.05	0.318	8.08	2	2.3	
68448-187H	7	0.450	11.43	0.120	3.05	0.230	5.84	2	2.3.5.6	
68448-188H	20	0.720	18.29	0.120	3.05	0.500	12.70	1	4.5.6.15.16.17	
68448-189H	9	0.455	11.56	0.125	3.18	0.230	5.84	1	2	NOTE 1,3



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mat'l. code		surface ISO 1902		tolerance ISO 406 ISO 1101		projection		product family BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title	
DR				angles	linear	XXX.X/XXX.X	INCH/MM		BERGSTIK® II HDR.
				0'±2'		XXX.X/XXX.X	scale 1:1		S/R POL. .100/2.54cc
				dr	T.BREWBAKER	12/19/94	FCI		dwg no
				engr	T.HANNA	12/19/94			sheet 8 of 10
				chr	T.HANNA	12/19/94			size
				appd	T.HANNA	12/19/94			A3
sheet index	revision sheet							type	Product Customer Drawing

PRODUCT NUMBER	NO. OF POS	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		PIN PLATING CODE	POLARIZED POSITION	LF OPTION
		DIM F ENGLISH	DIM F METRIC	DIM G ENGLISH	DIM G METRIC	DIM H ENGLISH	DIM H METRIC			
68448-190H	6	0.543	13.79	0.125	3.18	0.318	8.08	1	1	NOTE 1,3
68448-191H	10	0.543	13.79	0.125	3.18	0.318	8.08	1	10	
68448-192H	6	0.543	13.79	0.125	3.18	0.318	8.08	1	3	
68448-193H	3	0.830	21.08	0.110	2.79	0.620	15.75	1	2	
68448-194H	36	0.320	8.13	0.095	2.41	0.125	3.18	4	3.8.13.18.23.28.33	
68448-195H	36	0.320	8.13	0.095	2.41	0.125	3.18	4	3.9.15.21.27.33	
68448-196	5	0.548	13.92	0.130	3.30	0.318	8.08	2	2	
68448-197H	23	0.750	19.05	0.420	10.67	0.230	5.84	4	2.4.6.8.10.12.14.16.18.20.22	
68448-198H	3	0.350	8.89	0.100	2.54	0.150	3.81	4	2	
68448-199	4	0.548	13.92	0.130	3.30	0.318	8.08	4	1	
68448-200H	8	0.450	11.43	0.120	3.05	0.230	5.84	4	5	
68448-201H	21	0.735	18.67	0.095	2.41	0.540	13.72	1	1.4.7.9.10.12.13.15.16.18.19	
68448-202H	20	0.735	18.67	0.095	2.41	0.540	13.72	1	3.4.6.7.9.12.13.15.16.18.19	
68448-203H	9	0.350	8.89	0.120	3.05	0.130	3.30	2	2	
68448-204H	10	0.438	11.13	0.120	3.05	0.218	5.54	2	10	
68448-205H	6	0.438	11.13	0.120	3.05	0.218	5.54	2	3	
68448-206H	6	0.438	11.13	0.120	3.05	0.218	5.54	2	1	
68448-207H	6	0.395	10.03	0.095	2.41	0.200	5.08	2	3	
68448-208H	8	0.395	10.03	0.095	2.41	0.200	5.08	2	3	
68448-209H	22	0.425	10.80	0.095	2.41	0.230	5.84	4	4	
68448-210H	11	1.140	28.96	0.120	3.05	0.920	23.37	4	2.4.6.8.10	
68448-211H	7	0.538	13.67	0.070	1.78	0.368	9.35	4	2.4.6	
68448-212H	5	0.425	10.80	0.095	2.41	0.230	5.84	2	3	
68448-213H	8	0.450	11.43	0.120	3.05	0.230	5.84	4	5	
68448-214H	36	0.373	9.47	0.095	2.41	0.178	4.52	4	3.8.13.18.23.28.33	
68448-215H	36	0.373	9.47	0.095	2.41	0.178	4.52	4	3.9.15.21.27.33	
68448-216H	9	0.425	10.80	0.095	2.41	0.230	5.84	1	9	

LF OPTION
NOTE 1,3
↓
NOTE 1,3



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mat'l. code		surface		tolerance		projection		product family	
		ISO 1302		ISO 406		ISO 1101		BERGSTIK	
ltr		ecn no		dr		date		title	
DR								BERGSTIK® II HDR.	
								S/R POL. .100/2.54cc	
								scale 1:1	
								dwg no	
								sheet 9 of 10	
								size	
								A3	
								type	
								Product Customer Drawing	
sheet		revision							
index		sheet							

PRODUCT NUMBER	NO. OF POS	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		PIN PLATING CODE	POLARIZED POSITION	LF OPTION
		DIM F ENGLISH	DIM F METRIC	DIM G ENGLISH	DIM G METRIC	DIM H ENGLISH	DIM H METRIC			
68448-217H	9	0.450	11.43	0.120	3.05	0.230	5.84	2	9	NOTE 1,3
68448-218H	10	0.450	11.43	0.120	3.05	0.230	5.84	1	4	
68448-219H	29	0.450	11.43	0.120	3.05	0.230	5.84	2	6.8.10.13.19.21.28	
68448-220H	6	0.450	11.43	0.120	3.05	0.230	5.84	4	2	
68448-221H	36	0.372	9.45	0.094	2.39	0.178	4.52	4	2.5.8.11.14.17.20.23.26.29.32.35	
68448-222H	26	0.438	11.13	0.120	3.05	0.218	5.54	1	4.7.17	
68448-223H	13	0.700	17.78	0.300	7.62	0.300	7.62	2	2	
68448-224H	8	0.450	11.43	0.120	3.05	0.230	5.84	2	5	
68448-225H	8	0.730	18.54	0.110	2.79	0.520	13.21	4	2.4.6.8	
68448-226H	8	0.620	15.75	0.120	3.05	0.400	10.16	2	2.4.6.7	
68448-227H	8	0.450	11.43	0.120	3.05	0.230	5.84	1	5	
68448-228H	23	0.665	16.89	0.115	2.92	0.450	11.43	4	2.4.6.8.10.12.14.16.18.20.22	
68448-229H	10	0.450	11.43	0.120	3.05	0.230	5.84	1	3	
68448-230H	3	0.430	10.92	0.100	2.54	0.230	5.84	4	2	
68448-231H	5	0.430	10.92	0.100	2.54	0.230	5.84	4	2.4	
68448-232H	3	0.320	8.13	0.095	2.41	0.125	3.18	4	2	
68448-233H	7	0.425	10.80	0.095	2.41	0.230	5.84	1	2.4.6	
68448-234H	36	0.475	12.07	0.095	2.41	0.280	7.11	4	2.5.8.11.14.17.20.23.26.29.32.35	
68448-235H	22	0.438	11.13	0.120	3.05	0.218	5.54	1	3.13	
68448-236H	36	0.435	11.05	0.095	2.41	0.240	6.10	4	2.5.8.11.14.17.20.23.26.29.32.35	
68448-237H	26	0.438	11.13	0.120	3.05	0.218	5.54	1	4,7,17	
68448-238H	3	0.530	13.46	0.200	5.08	0.230	5.84	4	2	
68448-239H	5	0.530	13.46	0.200	5.08	0.230	5.84	4	2,4	
68448-240H	17	0.450	11.43	0.120	3.05	0.230	5.84	4	2,4,6,8,10,12,14,16	
68448-241H	10	0.318	8.077	0.170	4.32	0.080	2.03	4	2,4,6,8,10	
68448-242H	5	0.538	13.67	0.120	3.05	0.318	8.08	4	2,3,4	
68448-243H	3	0.383	9.72	0.073	1.85	0.210	5.33	4	2	
68448-244H	17	0.383	9.72	0.073	1.85	0.210	5.33	4	2,4,6,8,10,12,14,16	

LF OPTION

NOTE 1,3

NOTE 6

NOTE 6

PIN PLATING CODES	
1	30u"/0.76u MIN (SEE NOTE 5) OVER 50u" /1.27u MIN Ni
2	15u"/0.38u MIN (SEE NOTE 5) OVER 50u" /1.27u MIN Ni
3	50u"/1.27u MIN Au OVER 50u" /1.27u MIN Ni
4	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 4)
4HLF	

mat'l. code	surface ISO 902	tolerance ISO 406	projection	product family
ISO 902	ISO 406	ISO 7001	1st angle	BERGSTIK
ltr	ecn no	dr	date	title
DR				BERGSTIK® II HDR.
				S/R POL. .100/2.54cc
				scale 1:1
				dwg no
				68448
				sheet 10 of 10
				size A3
				type Product Customer Drawing
sheet index	revision sheet			

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