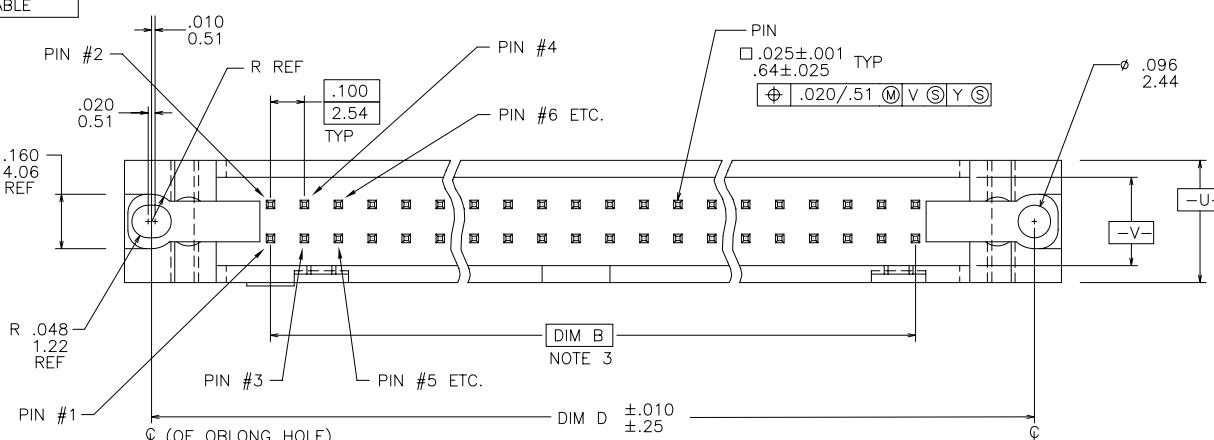
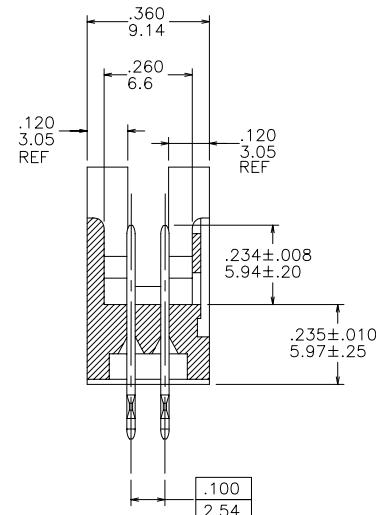
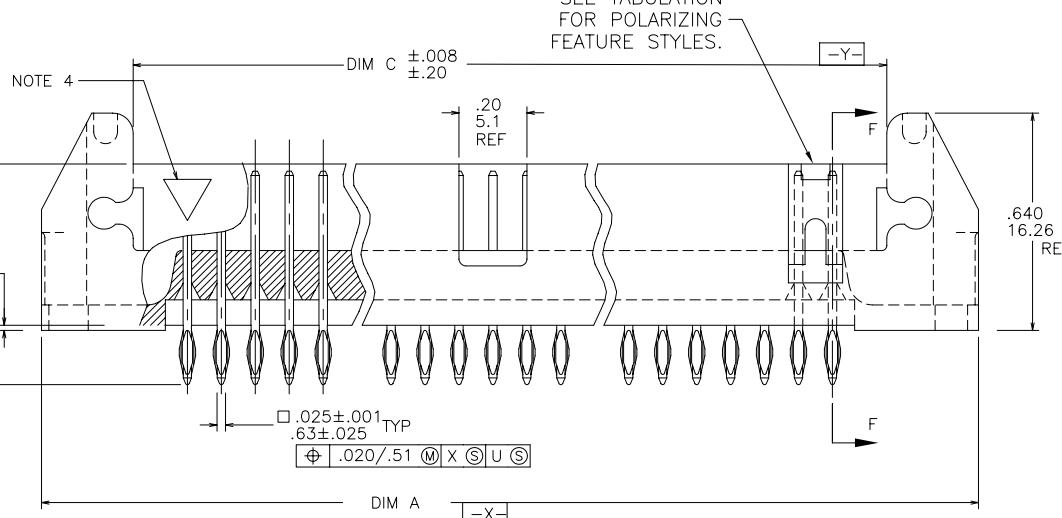


PRODUCT NUMBER
SEE TABLE



NOTE 6
SCALE 20/1



mat'l. code		surface		tolerance	projection	product family
Itr	ecn no	dr	date	ISO 1302 ✓ ISO 406 ISO 1101	tolerances unless otherwise specified	QUICKIE
AA	V01853	MEM	7/27/00		.XX±.01/.3	INCH/MM
AB	V02910	MEM	12/05/00		XXX±.005/.13	
AC	V20526	RGD	3/18/02		XXXX±.0020/.051	scale 1:1
AD	V21355	GIP	9/05/02	dr	M. CLOUSER 3/01/90	
AE	V21485	GIP	9/23/02	engr	M. SMYK 3/01/90	
AF	M05-0204	MHT	11/09/05	chr	M. SMYK 3/01/90	
AG	M07-0116	AGS	2/24/07	appd	M. SMYK 3/01/90	
sheet		revision	AG	AG	AG	
index		sheet	1	2	3	
			4	5	6	
			7	8	9	
			10	11	12	
			13			

form: A3

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A

B

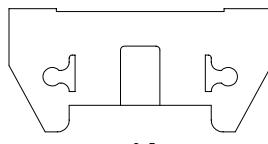
C

D

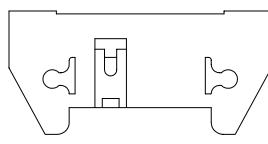
	PLATING	NOTE 6
1	30u"/.76u Au OVER 50u "/1.27u Ni	NOTE 14
2	30u"/.76u GXT/GOLD FLASH	NOTE 14
4	30u"/.76u GXT DUPLEX	
4LF	30u"/.76u GXT & 100u"/2.54u Sn DUPLEX	
5	30u"/.76u GOLD DUPLEX	
5LF	30u"/.76u GOLD & 100u"/2.54u Sn DUPLEX	

NOTES:

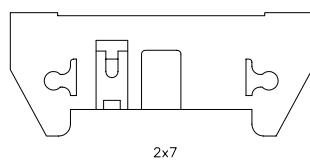
1. BODY MATERIAL; 30% GLASS FILLED POLYESTER FLAME RETARDANT PER UL 94-VO COLOR-BLUE.
-1XX TO -6XX BLUE PBT
-7XX TO -9XX GREY PBT
2. UNLESS OTHERWISE SPECIFIED, 1° MAX DRAFT PERMISSIBLE ON ALL SURFACES.
- ③ DIM B BASIC DIM SHALL BE LOCATED SYMMETRICAL TO DATUM -Y-.
4. TRIANGLE, LOGO, & PART NO. AND THEIR LOCATIONS OPTIONAL.
- ⑤ PIN MATERIAL; 3/4 HD. PHOSPHOR BRONZE ALLOY UNS-C51000.
- ⑥ TWO NON-CRITICAL SIDES OF TIPS NOT PLATED. TYP BOTH ENDS.
7. RECOMMENDED MOUNTING SCREW - #2-56 FILLISTER HEAD MACHINE SCREW .25/6.35 LONG FOR .063/1.58 & .094/2.38 BOARDS, .313/7.93 LONG FOR .125/3.18 BOARDS.
8. 3 LBS/1.36 KG PIN RETENTION IN BOTH DIRECTIONS.
9. LOW PROFILE LATCHES TO BE USED WITH FEMALE CONNECTOR WITHOUT STRAIN RELIEF STANDARD LATCHES TO BE USED WITH FEMALE CONNECTORS WITH STRAIN RELIEF.
- ⑩ ADD AN "A" AFTER THE 8 DIGIT PART NUMBER FOR CUSTOMER SPECIAL.
11. RECOMMENDED PLATED-THRU-HOLE DIMENSIONS ARE:
DRILLED HOLE: .0453/1.151±.0010/.025 DIA
COPPER PLATING THICKNESS: .001/.025 TO .003/.076
SOLDER PLATING THICKNESS: .0003/.076 TO .0007/.0178
OVERALL HOLE SIZE: .040/1.016±.003/.076 DIA
- ⑫ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- ⑬ THESE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- ⑭ PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.
15. THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS.



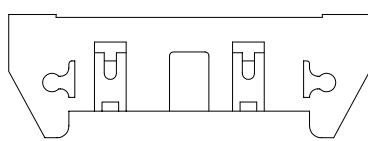
2x5 STYLE A



2x5 STYLE B



2x7 STYLE C

2 X 8 & LARGER
STYLE D

mat'l. code		surface		tolerance	projection	product family
Itr	ecn no	dr	date	ISO 1302	ISO 406 ISO 1101	QUICKIE
AG				tolerances unless otherwise specified		
				angles .XX±.01/.3		
				linear XXX±.005/.13	INCH/MM	
				0°±2°		
				XXXX±.0020/.051	scale 1:1	
		dr	M. CLOUSER 3/01/90			
		engr	M. SMYK 3/01/90			
		chr	M. SMYK 3/01/90			
		appd	M. SMYK 3/01/90			
sheet		revision				
index		sheet				



PRODUCT NUMBER	SIZE	STYLE	LATCH	DIM A	DIM B	DIM C	DIM D	DIM E	PIN PLATING	LEAD FREE PIN PLATING	LEAD FREE OPTION	
68710-001	2 X 5	A	NONE	1.26/32.00	.400/10.16	.720/18.28	1.100/27.94	.160/4.06	1	1		
-002								.160/4.06	2	2		NOTE 12
-003								.610/15.49	1	1		
-004								.610/15.49	2	2		
-005								.733/18.62	1	1		
-006			NONE					.733/18.62	2	2		
-007			STD.					.160/4.06	1	1		
-008								.160/4.06	2	2		
-009								.610/15.49	1	1		
-010								.610/15.49	2	2		
-011								.733/18.62	1	1		
-012			STD.					.733/18.62	2	2		
-013			LOW PROFILE					.160/4.06	1	1		
-014								.160/4.06	2	2		
-015								.610/15.49	1	1		
-016								.610/15.49	2	2		
-017								.733/18.62	1	1		
-018		A	LOW PROFILE					.733/18.62	2	2		
-019		B	NONE					.160/4.06	1	1		
-020								.160/4.06	2	2		
-021								.610/15.49	1	1		
-022								.610/15.49	2	2		
-023								.733/18.62	1	1		
-024			NONE					.733/18.62	2	2		
-025			STD.					.160/4.06	1	1		
-026								.160/4.06	2	2		
-027								.610/15.49	1	1		
-028								.610/15.49	2	2		
-029								.733/18.62	1	1		
-030			STD.					.733/18.62	2	2		
-031			LOW PROFILE					.160/4.06	1	1		
-032								.160/4.06	2	2		
-033								.610/15.49	1	1		
-034								.610/15.49	2	2		
-035								.733/18.62	1	1		
68710-036	2 X 5	B	LOW PROFILE	1.26/32.00	.400/10.16	.720/18.28	1.100/27.94	.733/18.62	2	2		NOTE 12

mat'l. code		surface ISO 1302		tolerance ISO 406 ISO 1101	projection	product family QUICKIE
ltr	ecn no	dr	date	tolerances unless otherwise specified		
AG				.XX±.01/.3 angles linear .XXX±.005/.13 0°±2° .XXXX±.0020/.051	INCH/MM scale 1:1	P.F. HDR. ASSEMBLY SEA HORSE 4 WALL
		dr	M. CLOUSER	3/01/90	FCI	dwg no sheet 3 of 13 size
		engr	M. SMYK	3/01/90		68710 A3
		chr	M. SMYK	3/01/90		
		oppd	M. SMYK	3/01/90		
sheet index	revision sheet					type Product Customer Drawing

PRODUCT NUMBER	SIZE	STYLE	LATCH	DIM A	DIM B	DIM C	DIM D	DIM E	PIN PLATING SEE SHT. 2	LEAD FREE PIN PLATING	LEAD FREE OPTION	
68710-037	2 X 7	C	NONE	1.46/37.08	.600/15.24	.920/23.37	1.300/33.02	.160/4.06	1	1	NOTE 12	
-038								.160/4.06	2	2		
-039								.610/15.49	1	1		
-040								.610/15.49	2	2		
-041								.733/18.62	1	1		
-042			NONE					.733/18.62	2	2		
-043			STD.					.160/4.06	1	1		
-044								.160/4.06	2	2		
-045								.610/15.49	1	1		
-046								.610/15.49	2	2		
-047								.733/18.62	1	1		
-048			STD.					.733/18.62	2	2		
-049			LOW PROFILE					.160/4.06	1	1		
-050								.160/4.06	2	2		
-051								.610/15.49	1	1		
-052								.610/15.49	2	2		
-053								.733/18.62	1	1		
-054	2 X 7	C	LOW PROFILE	1.46/37.08	.600/15.24	.920/23.37	1.300/33.02	.733/18.62	2	2		
-055	2 X 8	D	NONE	1.56/39.62	.700/17.78	1.020/25.91	1.400/35.56	.160/4.06	1	1		
-056								.160/4.06	2	2		
-057								.610/15.49	1	1		
-058								.610/15.49	2	2		
-059								.733/18.62	1	1		
-060			NONE					.733/18.62	2	2		
-061			STD.					.160/4.06	1	1		
-062								.160/4.06	2	2		
-063								.610/15.49	1	1		
-064								.610/15.49	2	2		
-065								.733/18.62	1	1		
-066			STD.					.733/18.62	2	2		
-067			LOW PROFILE					.160/4.06	1	1		
-068								.160/4.06	2	2		
-069								.610/15.49	1	1		
-070								.610/15.49	2	2		
-071								.733/18.62	1	1		
68710-072	2 X 8	D	LOW PROFILE	1.56/39.62	.700/17.78	1.020/25.91	1.400/35.56	.733/18.62	2	2	NOTE 12	

mat'l. code				surface		tolerance		projection	product family	
ltr	ecn no	dr	date	ISO 1302		ISO 406	ISO 1101		title	QUICKIE
AG				angles		.XX±.01/.3		INCH/MM		
				linear		XXX±.005/.13				
						XXXX±.0020/.051		scale 1:1		
				dr	M. CLOUSER	3/01/90				
				engr	M. SMYK	3/01/90				
				chr	M. SMYK	3/01/90				
				appd	M. SMYK	3/01/90				
				sheet	revision					
				index	sheet					

form: A3

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PRODUCT NUMBER	SIZE	STYLE	LATCH	DIM A	DIM B	DIM C	DIM D	DIM E	PIN PLATING	LEAD FREE PIN PLATING	LEAD FREE OPTION	NOTE 12		
68710-073	2 X 10	D	NONE	1.76/44.70	.900/22.86	1.220/30.99	1.600/40.64	.160/4.06	1	1				
-074								.160/4.06	2	2				
-075								.610/15.49	1	1				
-076								.610/15.49	2	2				
-077								.733/18.62	1	1				
-078			NONE					.733/18.62	2	2				
-079			STD.					.160/4.06	1	1				
-080								.160/4.06	2	2				
-081								.610/15.49	1	1				
-082								.610/15.49	2	2				
-083								.733/18.62	1	1				
-084			STD.					.733/18.62	2	2				
-085			LOW PROFILE					.160/4.06	1	1				
-086								.160/4.06	2	2				
-087								.610/15.49	1	1				
-088								.610/15.49	2	2				
-089								.733/18.62	1	1				
-090	2 X 10	D	LOW PROFILE	1.76/44.70	.900/22.86	1.220/30.99	1.600/40.64	.733/18.62	2	2				
-091	2 X 12	D	NONE	1.96/49.78	1.100/27.94	1.420/36.07	1.800/45.72	.160/4.06	1	1				
-092								.160/4.06	2	2				
-093								.610/15.49	1	1				
-094								.610/15.49	2	2				
-095								.733/18.62	1	1				
-096			NONE					.733/18.62	2	2				
-097			STD.					.160/4.06	1	1				
-098								.160/4.06	2	2				
-099								.610/15.49	1	1				
-100								.610/15.49	2	2				
-101								.733/18.62	1	1				
-102			STD.					.733/18.62	2	2				
-103			LOW PROFILE					.160/4.06	1	1				
-104								.160/4.06	2	2				
-105								.610/15.49	1	1				
-106								.610/15.49	2	2				
-107								.733/18.62	1	1				
68710-108	2 X 12	D	LOW PROFILE	1.96/49.78	1.100/27.94	1.420/36.07	1.800/45.72	.733/18.62	2	2				

mat'l. code				surface		tolerance		projection	product family	
litr	ecn no	dr	date	ISO 1302	ISO 406	ISO 1101	tolerances unless otherwise specified		title	QUICKIE
AG							.XX±.01/.3	INCH/MM	P.F. HDR. ASSEMBLY	
							ANGLES	linear	SEA HORSE 4 WALL	
							0°±2°	XXXX±.005/.13		
								XXXX±.0020/.051	scale 1:1	
							dr	M. CLOUSER 3/01/90	dwg no	
							engr	M. SMYK 3/01/90	sheet 5 of 13	
							chr	M. SMYK 3/01/90	size	
							appd	M. SMYK 3/01/90	68710	A3
									type	Product Customer Drawing

PRODUCT NUMBER	SIZE	STYLE	LATCH	DIM A	DIM B	DIM C	DIM D	DIM E	PIN PLATING	LEAD FREE PIN PLATING	LEAD FREE OPTION	1	2	3	4	5	6
												1	2	3	4	5	6
68710-109	2 X 13	D	NONE	2.06/52.32	1.200/30.48	1.520/38.61	1.900/48.26	.160/4.06	1	1	NOTE 12						
-110								.160/4.06	2	2							
-111								.610/15.49	1	1							
-112								.610/15.49	2	2							
-113								.733/18.62	1	1							
-114			NONE					.733/18.62	2	2							
-115			STD.					.160/4.06	1	1							
-116								.160/4.06	2	2							
-117								.610/15.49	1	1							
-118								.610/15.49	2	2							
-119								.733/18.62	1	1							
-120			STD.					.733/18.62	2	2							
-121			LOW PROFILE					.160/4.06	1	1	NOTE 12						
-122								.160/4.06	2	2							
-123								.610/15.49	1	1							
-124								.610/15.49	2	2							
-125								.733/18.62	1	1							
-126	2 X 13	D	LOW PROFILE	2.06/52.32	1.200/30.48	1.520/38.61	1.900/48.26	.733/18.62	2	2							
-127	2 X 15	D	NONE	2.26/57.40	1.400/35.56	1.720/43.69	2.100/53.34	.160/4.06	1	1							
-128								.160/4.06	2	2							
-129								.610/15.49	1	1							
-130								.610/15.49	2	2							
-131								.733/18.62	1	1							
-132			NONE					.733/18.62	2	2							
-133			STD.					.160/4.06	1	1							
-134								.160/4.06	2	2							
-135								.610/15.49	1	1							
-136								.610/15.49	2	2							
-137								.733/18.62	1	1							
-138			STD.					.733/18.62	2	2	NOTE 12						
-139			LOW PROFILE					.160/4.06	1	1							
-140								.160/4.06	2	2							
-141								.610/15.49	1	1							
-142								.610/15.49	2	2							
-143								.733/18.62	1	1							

mat'l. code			surface	tolerance	projection	product family
			ISO 1302	ISO 406 ISO 1101		QUICKIE
ltr	ecn no	dr	date	tolerances unless otherwise specified		title
AG				angles	.XX±.01/.3	P.F. HDR. ASSEMBLY
				linear	XXXX±.005/.13	SEA HORSE 4 WALL
				0°±2°	XXXXX±.0020/.051	scale 1:1
				dr	M. CLOUSER 3/01/90	dwg no
				engr	M. SMYK 3/01/90	sheet 6 of 13
				chr	M. SMYK 3/01/90	size
				appd	M. SMYK 3/01/90	
sheet index	revision sheet					68710 A3
						type Product Customer Drawing

PRODUCT NUMBER	SIZE	STYLE	LATCH	DIM A	DIM B	DIM C	DIM D	DIM E	PIN PLATING	LEAD FREE PIN PLATING	LEAD FREE OPTION			
68710-145	2 X 17	D	NONE	2.46/62.48	1.600/40.64	1.920/48.79	2.300/58.42	.160/4.06	1	1	NOTE 12			
-146								.160/4.06	2	2				
-147								.610/15.49	1	1				
-148								.610/15.49	2	2				
-149								.733/18.62	1	1				
-150			NONE					.733/18.62	2	2				
-151			STD.					.160/4.06	1	1				
-152								.160/4.06	2	2				
-153								.610/15.49	1	1				
-154								.610/15.49	2	2				
-155								.733/18.62	1	1				
-156			STD.					.733/18.62	2	2				
-157			LOW PROFILE					.160/4.06	1	1				
-158								.160/4.06	2	2				
-159								.610/15.49	1	1				
-160								.610/15.49	2	2				
-161								.733/18.62	1	1				
-162	2 X 17	D	LOW PROFILE	2.46/62.48	1.600/40.64	1.920/48.79	2.300/58.42	.733/18.62	2	2				
-163	2 X 20	D	NONE	2.76/70.10	1.900/48.26	2.220/56.39	2.600/66.04	.160/4.06	1	1				
-164								.160/4.06	2	2				
-165								.610/15.49	1	1				
-166								.610/15.49	2	2				
-167								.733/18.62	1	1				
-168			NONE					.733/18.62	2	2				
-169			STD.					.160/4.06	1	1				
-170								.160/4.06	2	2				
-171								.610/15.49	1	1				
-172								.610/15.49	2	2				
-173								.733/18.62	1	1				
-174			STD.					.733/18.62	2	2				
-175			LOW PROFILE					.160/4.06	1	1				
-176								.160/4.06	2	2				
-177								.610/15.49	1	1				
-178								.610/15.49	2	2				
-179								.733/18.62	1	1				
68710-180	2 X 20	D	LOW PROFILE	2.76/70.10	1.900/48.26	2.220/56.39	2.600/66.04	.733/18.62	2	2				

mat'l. code	surface	tolerance	projection	product family
ISO 1302	ISO 406	ISO 1101	Ø	QUICKIE
Itr	ecn no	dr	date	title
AG				P.F. HDR. ASSEMBLY
				SEA HORSE 4 WALL
				scale 1:1
				dwg no sheet 7 of 13 size
				68710 A3
				type Product Customer Drawing
sheet index	revision sheet			
1	2	3	4	5
form: A3				

PRODUCT NUMBER	SIZE	STYLE	LATCH	DIM A	DIM B	DIM C	DIM D	DIM E	PIN PLATING	LEAD FREE PIN PLATING	LEAD FREE OPTION	1	2	3	4	5	6
												1	2	3	4	5	6
68710-181	2 X 22	D	NONE	2.96/75.18	2.100/53.34	2.420/61.47	2.800/71.12	.160/4.06	1	1	NOTE 12						
-182								.160/4.06	2	2							
-183								.610/15.49	1	1							
-184								.610/15.49	2	2							
-185								.733/18.62	1	1							
-186			NONE					.733/18.62	2	2							
-187			STD.					.160/4.06	1	1							
-188								.160/4.06	2	2							
-189								.610/15.49	1	1							
-190								.610/15.49	2	2							
-191								.733/18.62	1	1							
-192			STD.					.733/18.62	2	2							
-193			LOW PROFILE					.160/4.06	1	1							
-194								.160/4.06	2	2							
-195								.610/15.49	1	1							
-196								.610/15.49	2	2							
-197								.733/18.62	1	1							
-198	2 X 22	D	LOW PROFILE	2.96/75.18	2.100/53.34	2.420/61.47	2.800/71.12	.733/18.62	2	2							
-199	2 X 25	D	NONE	3.26/82.80	2.400/60.96	2.720/69.09	3.100/78.74	.160/4.06	1	1							
-200								.160/4.06	2	2							
-201								.610/15.49	1	1							
-202								.610/15.49	2	2							
-203								.733/18.62	1	1							
-204			NONE					.733/18.62	2	2							
-205			STD.					.160/4.06	1	1							
-206								.160/4.06	2	2							
-207								.610/15.49	1	1							
-208								.610/15.49	2	2							
-209								.733/18.62	1	1							
-210			STD.					.733/18.62	2	2							
-211			LOW PROFILE					.160/4.06	1	1							
-212								.160/4.06	2	2							
-213								.610/15.49	1	1							
-214								.610/15.49	2	2							
-215								.733/18.62	1	1							

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family QUICKIE
Itr	ecn	no	dr	date		tolerances unless otherwise specified	
AG						angles linear 0°±2°	.XX±.01/.3 .XXXX±.005/.13 .XXXX±.0020/.051
							INCH/MM
						scale 1:1	title P.F. HDR. ASSEMBLY SEA HORSE 4 WALL
				dr	M. CLOUSER	3/01/90	dwg no sheet 8 of 13 size
				engr	M. SMYK	3/01/90	68710
				chr	M. SMYK	3/01/90	A3
				appd	M. SMYK	3/01/90	type Product Customer Drawing
sheet index	revision sheet						

1	2	3	4	5	6							
PRODUCT NUMBER	SIZE	STYLE	LATCH	DIM A	DIM B	DIM C	DIM D	DIM E	PIN PLATING	LEAD FREE PIN PLATING	LEAD FREE OPTION	
68710-217	2 X 30	D	NONE	3.76/95.50	2,900/73.66	3.220/81.79	3.600/91.44	.160/4.06	1	1	NOTE 12	
-218								.160/4.06	2	2		
-219								.610/15.49	1	1		
-220								.610/15.49	2	2		
-221								.733/18.62	1	1		
-222			NONE					.733/18.62	2	2		
-223			STD.					.160/4.06	1	1		
-224								.160/4.06	2	2		
-225								.610/15.49	1	1		
-226								.610/15.49	2	2		
-227								.733/18.62	1	1		
-228			STD.					.733/18.62	2	2		
-229			LOW PROFILE					.160/4.06	1	1		
-230								.160/4.06	2	2		
-231								.610/15.49	1	1		
-232								.610/15.49	2	2		
-233								.733/18.62	1	1		
-234	2 X 30	D	LOW PROFILE	3.76/95.50	2,900/73.66	3.220/81.79	3.600/91.44	.733/18.62	2	2		
-235	2 X 5	A	STD.	1.26/32.00	.400/10.16	.720/18.28	1.100/27.94	.250/6.35	2	2	NOTE 10	
-236	2 X 8	D		1.56/39.62	.700/17.78	1.020/25.91	1.400/35.56				NOTE 10	
-237	2 X 10			1.76/44.70	.900/22.86	1.220/30.99	1.600/40.64				NOTE 10	
-238	2 X 13			2.06/52.34	1.200/30.48	1.520/38.61	1.900/48.26				NOTE 10	
-239	2 X 17			2.46/62.48	1.600/40.64	1.920/48.79	2.300/58.42				NOTE 10	
-240	2 X 20			2.76/70.10	1.900/48.26	2.220/56.39	2.600/66.04				NOTE 10	
-241	2 X 25			3.26/82.80	2.400/60.96	2.720/69.09	3.100/78.74				NOTE 10	
-242	2 X 30	D	STD.	3.76/95.50	2,900/73.66	3.220/81.79	3.600/91.44				NOTE 10	
-243	2 X 15	D	STD.	2.26/57.40	1.400/35.56	1.720/43.69	2.100/53.34				NOTE 10	
-244	2 X 5	A	NONE	1.26/32.00	.400/10.16	.720/18.28	1.100/27.94				NOTE 10	
-245	2 X 8	D		1.56/39.62	.700/17.78	1.020/25.91	1.400/35.56				NOTE 10	
-246	2 X 10			1.76/44.70	.900/22.86	1.220/30.99	1.600/40.64				NOTE 10	
-247	2 X 13			2.06/52.34	1.200/30.48	1.520/38.61	1.900/48.26				NOTE 10	
-248	2 X 17			2.46/62.48	1.600/40.64	1.920/48.79	2.300/58.42				NOTE 10	
-249	2 X 20			2.76/70.10	1.900/48.26	2.220/56.39	2.600/66.04				NOTE 10	
-250	2 X 25			3.26/82.80	2.400/60.96	2.720/69.09	3.100/78.74				NOTE 10	
68710-251	2 X 30			3.76/95.50	2,900/73.66	3.220/81.79	3.600/91.44	.250/6.35	2	2	NOTE 12	

mat'l. code		surface ISO 1302		tolerance ISO 406 ISO 1101		projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified			QUICKIE
AG				angles	.XX±.01/.3	INCH/MM	
				linear	XXX±.005/.13		
				0°±2°	XXXX±.0020/.051	scale 1:1	
		dr	M. CLOUSER 3/01/90				
		engr	M. SMYK 3/01/90				
		chr	M. SMYK 3/01/90				
		appd	M. SMYK 3/01/90				
		sheet	revision				
		index	sheet				

PRODUCT NUMBER	SIZE	STYLE	LATCH	DIM A	DIM B	DIM C	DIM D	DIM E	PIN PLATING	LEAD FREE PIN PLATING	POLARIZED MISSING PIN	LEAD FREE OPTION		
													2	3
68710-252	2 x 15	D	NONE	2.26/57.40	1.400/35.56	1.720/43.69	2.100/53.34	.250/6.35	2	2		NOTE 12		
68710-253	2 X 20	D	STD.	2.76/70.10	1.900/48.26	2.220/56.39	2.600/66.04	.160/4.06	2	2	PIN #20	NOTE 12		
68710-309	2 x 5	B	STD.	1.26/32.00	.400/10.16	.720/18.28	1.100/27.94	.160/4.06	1	1	PIN #1	NOTE 12		
68710-310	2 x 17	D	STD.	2.46/62.48	1.600/40.64	1.920/48.79	2.300/58.42	.160/4.06	1	1	PIN #25	NOTE 12		

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form: A3

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mat'l. code				surface		tolerance	projection	product family
Itr	ecn no	dr	date	tolerances unless otherwise specified		ISO 406	ISO 1101	QUICKIE
AG				angles		.XX±.01/.3	INCH/MM	
				linear		XXX±.005/.13		
				0°±2°		XXXX±.0020/.051	scale 1:1	
		dr	M. CLOUSER			3/01/90		
		engr	M. SMYK			3/01/90		
		chr	M. SMYK			3/01/90		
		appd	M. SMYK			3/01/90		
		sheet index	revision sheet					



PRODUCT NUMBER	SIZE	STYLE	LATCH	DIM A	DIM B	DIM C	DIM D	DIM E	PIN PLATING	LEAD FREE PIN PLATING	NOTES	PIN REMOVED	LEAD FREE OPTION							
														1	2	3	4	5	6	
68710-400	2 x 5	A	NONE	1.26/32.00	.400/10.16	.720/18.28	1.100/27.94	.250/6.35	4	4LF										
-401	2 x 7	C		1.460/37.08	.600/15.24	.920/23.37	1.300/33.02											NOTE 12		
-402	2 x 8	D		1.56/39.62	.700/17.78	1.020/25.91	1.400/35.56													
-403	2 x 10			1.76/44.70	.900/22.86	1.220/30.99	1.600/40.64													
-404	2 x 12			1.960/49.78	1.100/27.94	1.420/36.07	1.800/45.72													
-405	2 x 13			2.06/52.34	1.200/30.48	1.520/38.61	1.900/48.26													
-406	2 x 15			2.26/57.40	1.400/35.56	1.720/43.69	2.100/53.34													
-407	2 x 17			2.46/62.48	1.600/40.64	1.920/48.79	2.300/58.42													
-408	2 x 20			2.76/70.10	1.900/48.26	2.220/56.39	2.600/66.04													
-409	2 x 22			2.960/75.18	2.100/53.34	2.420/61.47	2.800/71.12													
-410	2 x 25			3.26/82.80	2.400/60.96	2.720/69.09	3.100/78.74													
-411	2 x 30	D	NONE	3.76/95.50	2.900/73.66	3.220/81.79	3.600/91.44													
-420	2 x 5	A	STD.	1.26/32.00	.400/10.16	.720/18.28	1.100/27.94											NOTE 10		
-421	2 x 7	C		1.460/37.08	.600/15.24	.920/23.37	1.300/33.02											NOTE 10		
-422	2 x 8	D		1.56/39.62	.700/17.78	1.020/25.91	1.400/35.56											NOTE 10		
-423	2 x 10			1.76/44.70	.900/22.86	1.220/30.99	1.600/40.64											NOTE 10		
-424	2 x 12			1.960/49.78	1.100/27.94	1.420/36.07	1.800/45.72											NOTE 10		
-425	2 x 13			2.06/52.34	1.200/30.48	1.520/38.61	1.900/48.26											NOTE 10		
-426	2 x 15			2.26/57.40	1.400/35.56	1.720/43.69	2.100/53.34											NOTE 10		
-427	2 x 17			2.46/62.48	1.600/40.64	1.920/48.79	2.300/58.42											NOTE 10		
-428	2 x 20			2.76/70.10	1.900/48.26	2.220/56.39	2.600/66.04											NOTE 10		
-429	2 x 22			2.960/75.18	2.100/53.34	2.420/61.47	2.800/71.12											NOTE 10		
-430	2 x 25			3.26/82.80	2.400/60.96	2.720/69.09	3.100/78.74											NOTE 10		
-431	2 x 30	D	STD.	3.76/95.50	2.900/73.66	3.220/81.79	3.600/91.44											NOTE 10		
-440	2 x 5	A	LOW PROFILE	1.26/32.00	.400/10.16	.720/18.28	1.100/27.94													
-441	2 x 7	C		1.460/37.08	.600/15.24	.920/23.37	1.300/33.02													
-442	2 x 8	D		1.56/39.62	.700/17.78	1.020/25.91	1.400/35.56													
-443	2 x 10			1.76/44.70	.900/22.86	1.220/30.99	1.600/40.64													
-444	2 x 12			1.960/49.78	1.100/27.94	1.420/36.07	1.800/45.72													
-445	2 x 13			2.06/52.34	1.200/30.48	1.520/38.61	1.900/48.26													
-446	2 x 15			2.26/57.40	1.400/35.56	1.720/43.69	2.100/53.34													
-447	2 x 17			2.46/62.48	1.600/40.64	1.920/48.79	2.300/58.42													
-448	2 x 20			2.76/70.10	1.900/48.26	2.220/56.39	2.600/66.04													
-449	2 x 22			2.960/75.18	2.100/53.34	2.420/61.47	2.800/71.12													
-450	2 x 25			3.26/82.80	2.400/60.96	2.720/69.09	3.100/78.74													
-451	2 x 30	D	LOW PROFILE	3.76/95.50	2.900/73.66	3.220/81.79	3.600/91.44	.250/6.35	4	4LF									NOTE 10	14
68710-452	2 x 7	C	STD.	1.460/37.08	.600/15.24	.920/23.37	1.300/33.02	.160/4.06	1	1										NOTE 12

mat'l. code		surface ISO 1302		tolerance ISO 406 ISO 1101		projection	product family	
ltr	ecn no	dr	date	tolerances unless otherwise specified	angles	linear	scale 1:1	title
AG								P.F. HDR. ASSEMBLY
								SEA HORSE 4 WALL
								dwg no sheet 11 of 13 size
								68710 A3
								type Product Customer Drawing

form: A3

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PRODUCT NUMBER	SIZE	STYLE	LATCH	DIM A	DIM B	DIM C	DIM D	DIM E	PIN PLATING	LEAD FREE PIN PLATING	POSITION OMITTED	LEAD FREE OPTION																																
68710-500	2 x 5	A	NONE	1.260/32.00	.400/10.16	.720/18.28	1.100/27.94	.160/4.06	5	5LF																																		
-501	2 x 7	C		1.460/37.08	.600/15.24	.920/23.37	1.300/33.02																																					
-502	2 x 8	D		1.560/39.62	.700/17.78	1.020/25.91	1.400/35.56																																					
-503	2 x 10			1.760/44.70	.900/22.86	1.220/30.99	1.600/40.64																																					
-504	2 x 12			1.960/49.78	1.100/27.49	1.420/36.07	1.800/45.72																																					
-505	2 x 13			2.060/52.34	1.200/30.48	1.520/38.61	1.900/48.26																																					
-506	2 x 15			2.260/57.40	1.400/35.56	1.720/43.69	2.100/53.34																																					
-507	2 x 17			2.460/62.48	1.600/40.64	1.920/48.79	2.300/58.42																																					
-508	2 x 20			2.760/70.10	1.900/48.26	2.220/56.39	2.600/66.04																																					
-509	2 x 22			2.960/75.18	2.100/53.34	2.420/61.47	2.800/71.12																																					
-510	2 x 25			3.260/82.80	2.400/60.96	2.720/69.09	3.100/78.74																																					
-511	2 x 30	D	NONE	3.760/95.50	2.900/73.66	3.220/81.79	3.600/91.44																																					
-520	2 x 5	A	STD.	1.260/32.00	.400/10.16	.720/18.28	1.100/27.94																																					
-521	2 x 7	C		1.460/37.08	.600/15.24	.920/23.37	1.300/33.02																																					
-522	2 x 8	D		1.560/39.62	.700/17.78	1.020/25.91	1.400/35.56																																					
-523	2 x 10			1.760/44.70	.900/22.86	1.220/30.99	1.600/40.64																																					
-524	2 x 12			1.960/49.78	1.100/27.49	1.420/36.07	1.800/45.72																																					
-525	2 x 13			2.060/52.34	1.200/30.48	1.520/38.61	1.900/48.26																																					
-526	2 x 15			2.260/57.40	1.400/35.56	1.720/43.69	2.100/53.34																																					
-527	2 x 17			2.460/62.48	1.600/40.64	1.920/48.79	2.300/58.42																																					
-528	2 x 20			2.760/70.10	1.900/48.26	2.220/56.39	2.600/66.04																																					
-529	2 x 22			2.960/75.18	2.100/53.34	2.420/61.47	2.800/71.12																																					
-530	2 x 25			3.260/82.80	2.400/60.96	2.720/69.09	3.100/78.74																																					
-531	2 x 30	D	STD.	3.760/95.50	2.900/73.66	3.220/81.79	3.600/91.44																																					
-540	2 x 5	A	LOW PROFILE	1.260/32.00	.400/10.16	.720/18.28	1.100/27.94																																					
-541	2 x 7	C		1.460/37.08	.600/15.24	.920/23.37	1.300/33.02																																					
-542	2 x 8	D		1.560/39.62	.700/17.78	1.020/25.91	1.400/35.56																																					
-543	2 x 10			1.760/44.70	.900/22.86	1.220/30.99	1.600/40.64																																					
-544	2 x 12			1.960/49.78	1.100/27.49	1.420/36.07	1.800/45.72																																					
-545	2 x 13			2.060/52.34	1.200/30.48	1.520/38.61	1.900/48.26																																					
-546	2 x 15			2.260/57.40	1.400/35.56	1.720/43.69	2.100/53.34																																					
-547	2 x 17			2.460/62.48	1.600/40.64	1.920/48.79	2.300/58.42																																					
-548	2 x 20			2.760/70.10	1.900/48.26	2.220/56.39	2.600/66.04																																					
-549	2 x 22			2.960/75.18	2.100/53.34	2.420/61.47	2.800																																					

PRODUCT NUMBER	SIZE	STYLE	LATCH	DIM A	DIM B	DIM C	DIM D	DIM E	PIN PLATING	LEAD FREE PIN PLATING	REMARKS	PINS REMOVED			LEAD FREE OPTION	NOTE 12	
												2	3	4			
68710-620	2 x 5	A	STD.	1.260/32.00	.400/10.16	.720/18.28	1.100/27.94	.120/3.05	2	2	MINI-LIF						
-621	2 x 7	C	STD.	1.460/37.08	.600/15.24	.920/23.37	1.300/33.02	.120/3.05	2	2	MINI-LIF						
-640	2 x 20	D	STD.	2.760/70.10	1.900/48.26	2.220/56.39	2.600/66.04	.120/3.05	2	2	MINI-LIF						
-650	2 x 25	D	STD	3.260/82.80	2.400/60.96	2.720/69.09	3.100/78.74	.120/3.05	2	2	MINI-LIF						
-651	2 x 22	D	STD	2.960/75.18	2.100/53.34	2.420/61.47	2.800/71.12	.160/4.06	1	1		REMOVE PINS: 2,3,6,7,10,11,14,15,18,19,22,23,26,27,30,31,34,35,38,39,42,43 & 44					
-652	2 x 5	A	STD	1.260/32.00	.400/10.16	.720/18.29	1.100/27.94					REMOVE PINS: 10					
-653	2 x 5	B	STD	1.260/32.00	.400/10.16	.720/18.29	1.100/27.94					REMOVE PINS: 10					
-654	2 x 7	C	STD	1.460/37.08	.600/15.24	.920/23.37	1.300/33.02					REMOVE PINS: 14					
-710	2 x 5	A	NONE	1.260/32.00	.400/10.16	.720/18.28	1.100/27.94										
-714	2 x 7	C		1.460/37.08	.600/15.24	.920/23.37	1.300/33.02										
-716	2 x 8	D		1.560/39.62	.700/17.78	1.020/25.91	1.400/35.56										
-720	2 x 10			1.760/44.70	.900/22.86	1.220/30.99	1.600/40.64										
-726	2 x 13			2.060/52.32	1.200/30.48	1.520/38.61	1.900/48.26										
-734	2 x 17			2.460/62.48	1.600/40.64	1.920/48.79	2.300/58.42										
-740	2 x 20			2.760/70.10	1.900/48.26	2.220/56.39	2.600/66.04										
-750	2 x 25			3.260/82.80	2.400/60.96	2.720/69.09	3.100/78.74										
-760	2 x 30	D	NONE	3.760/95.50	2.900/73.66	3.220/81.79	3.600/91.44										
-810	2 x 5	A	STD.	1.260/32.00	.400/10.16	.720/18.29	1.100/27.94										
-814	2 x 7	C		1.460/37.08	.600/15.24	.920/23.37	1.300/33.02										
-816	2 x 8	D		1.560/39.62	.700/17.78	1.020/25.91	1.400/35.56										
-820	2 x 10			1.760/44.70	.900/22.86	1.220/30.99	1.600/40.64										
-826	2 x 13			2.060/52.32	1.200/30.48	1.520/38.61	1.900/48.26										
-834	2 x 17			2.460/62.48	1.600/40.64	1.920/48.79	2.300/58.42										
-840	2 x 20			2.760/70.10	1.900/48.26	2.220/56.39	2.600/66.04										
-850	2 x 25			3.260/82.80	2.400/60.96	2.720/69.09	3.100/78.74										
-860	2 x 30	D	STD.	3.760/95.50	2.900/73.66	3.220/81.79	3.600/91.44										
-910	2 x 5	A	LOW	1.260/32.00	.400/10.16	.720/18.29	1.100/27.94										
-914	2 x 7	C		1.460/37.08	.600/15.24	.920/23.37	1.300/33.02										
-916	2 x 8	D		1.560/39.62	.700/17.78	1.020/25.91	1.400/35.56										
-920	2 x 10			1.760/44.70	.900/22.86	1.220/30.99	1.600/40.64										
-926	2 x 13			2.060/52.32	1.200/30.48	1.520/38.61	1.900/48.26										
-934	2 x 17			2.460/62.48	1.600/40.64	1.920/48.79	2.300/58.42										
-940	2 x 20			2.760/70.10	1.900/48.26	2.220/56.39	2.600/66.04										
-950	2 x 25			3.260/82.80	2.400/60.96	2.720/69.09	3.100/78.74										
68710-960	2 x 30	D	LOW	3.760/95.50	2.900/73.66	3.220/81.79	3.600/91.44	.160/4.06	1	1							

mat'l. code				surface		tolerance		projection	product family		
ISO 1302				ISO 406		ISO 1101			QUICKIE		
ltr	ecn no	dr	date	tolerances unless otherwise specified					title		
AG				angles		.XX±.01/.3		INCH/MM	P.F. HDR. ASSEMBLY		
				linear		XXX±.005/.13			SEA HORSE 4 WALL		
				0°±2°		XXXX±.0020/.051		scale 1:1	dwg no		
		dr	M. CLOUSER			3/01/90			sheet 13 of 13 size		
		engr	M. SMYK			3/01/90			68710		
		chr	M. SMYK			3/01/90			A3		
		appd	M. SMYK			3/01/90			type Product Customer Drawing		
		sheet index	revision sheet								

form: A3

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Mouser Electronics

Authorized Distributor

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