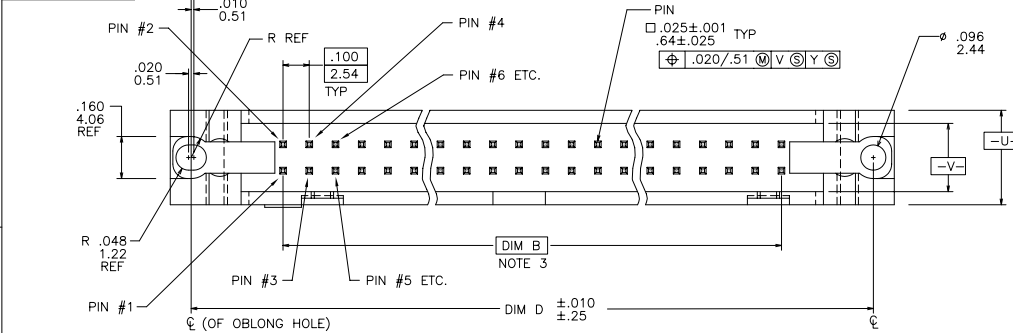
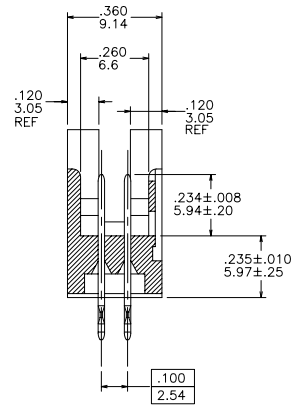
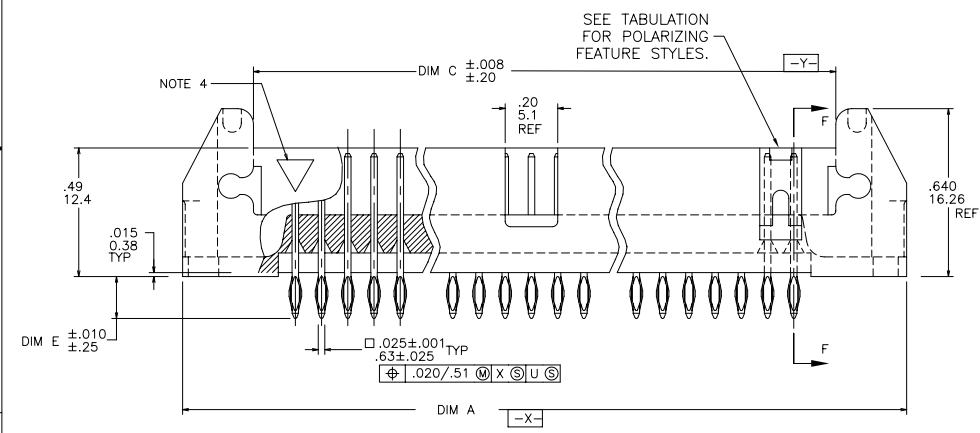


PRODUCT NUMBER
SEE TABLE



NOTE 6
SCALE 20/1

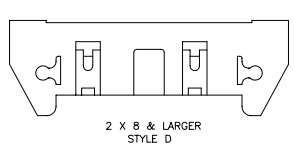
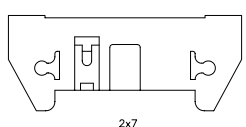
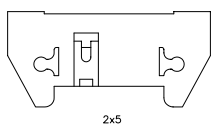
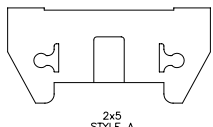


mat'l. code				surface	tolerance	projection	product family
ISO 1302				ISO 1302	ISO 406	ISO 1101	QUICKIE
itr	ecn	no	dr	date	tolerances unless otherwise specified	linear	title
AA	V01853	MEM	7/27/00		.XX±.01/.3	INCH/MM	P.F. HDR. ASSEMBLY
AB	V02910	MEM	12/05/00		.XXX±.005/.13	scale 1:1	SEA HORSE 4 WALL
AC	V20526	RGD	3/18/02		0'±2'		dwg no
AD	V21355	GIP	9/05/02	dr	M. CLOUSER	3/01/90	sheet 1 of 13 size
AE	V21485	GIP	9/23/02	enrg	M. SMYK	3/01/90	68710
AF	M05-0204	MHT	11/09/05	chr	M. SMYK	3/01/90	A3
AG	M07-0116	AGS	2/24/07	appd	M. SMYK	3/01/90	Type
sheet	revision	AG	AG	AG	AG	AG	Product
index	sheet	1	2	3	4	5	Customer
							Drawing

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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:
- BODY MATERIAL: 30% GLASS FILLED POLYESTER
FLAME RETARDANT PER UL 94-V0 COLOR-BLUE.
-1XX TO -6XX BLUE PBT
-7XX TO -9XX GREY PBT
 - UNLESS OTHERWISE SPECIFIED, 1° MAX DRAFT PERMISSIBLE ON ALL SURFACES.
 - DIM B BASIC DIM SHALL BE LOCATED SYMMETRICAL TO DATUM -Y-.
 - TRIANGLE, LOGO, & PART NO. AND THEIR LOCATIONS OPTIONAL.
 - PIN MATERIAL: 3/4 HD. PHOSPHOR BRONZE ALLOY UNS-C51000.
 - TWO NON-CRITICAL SIDES OF TIPS NOT PLATED. TYP BOTH ENDS.
 - 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.
 - 3 LBS/1.36 KG PIN RETENTION IN BOTH DIRECTIONS.
 - LOW PROFILE LATCHES TO BE USED WITH FEMALE CONNECTOR WITHOUT STRAIN RELIEF STANDARD LATCHES TO BE USED WITH FEMALE CONNECTORS WITH STRAIN RELIEF.
 - ADD AN "A" AFTER THE 8 DIGIT PART NUMBER FOR CUSTOMER SPECIAL.
 - 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
 - ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
 - THESE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
 - PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.
 - THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS.



mat'l. code		surface	tolerance	projection	product family
ISO 1302		ISO 1302	ISO 406		QUICKIE
ISO 1101		ISO 1101	ISO 1101		title
ltr	ecn no dr date	tolerances unless otherwise specified		INCH/MM	P.F. HDR. ASSEMBLY
AG		angles	.XX±.01/.3	scale 1:1	SEA HORSE 4 WALL
		linear	.XXX±.005/.13		dwg no
		dr	XXXX±.0020/.051		sheet 2 of 13 size
		enrg	M. CLOUSER 3/01/90		68710
		chr	M. SMYK 3/01/90		A3
		appd	M. SMYK 3/01/90		type
sheet index	revision sheet				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
68710-001	2 X 5	A	NONE	1.26/32.00	.400/10.16	.720/18.28	1.100/27.94	.160/4.06	1	1	NOTE 12
-002								.160/4.06	2	2	
-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

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

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

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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
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	NOTE 12
-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	NOTE 12

mat'l. code	surface	tolerance	projection	product family
ISO 1302	ISO 1302	ISO 406	QUICKIE	QUICKIE
ISO 1101	ISO 1101	ISO 1101		
tr	ecr	no	dr	date
AG				
tolerances unless otherwise specified		angles		linear
.XX±.01/.3		0'±2'		linear
.XXX±.005/.13		XXXX±.0020/.051		linear
dr	M. CLOUSER	3/01/90	scale 1:1	
enr	M. SMYK	3/01/90	FCI	
chr	M. SMYK	3/01/90	68710	
appd	M. SMYK	3/01/90	type Product Customer Drawing	
sheet index	revision sheet			

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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
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	
-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	
-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	
68710-144	2 X 15	D	LOW PROFILE	2.26/57.40	1.400/35.56	1.720/43.69	2.100/53.34	.733/18.62	2	2	NOTE 12

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

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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
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	
68710-216	2 X 25	D	LOW PROFILE	3.26/82.80	2.400/60.96	2.720/69.09	3.100/78.74	.733/18.62	2	2	NOTE 12

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

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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
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	
-236	2 X 8	D		1.56/39.62	.700/17.78	1.020/25.91	1.400/35.56				
-237	2 X 10			1.76/44.70	.900/22.86	1.220/30.99	1.600/40.64				
-238	2 X 13			2.06/52.34	1.200/30.48	1.520/38.61	1.900/48.26				
-239	2 X 17			2.46/62.48	1.600/40.64	1.920/48.79	2.300/58.42				
-240	2 X 20			2.76/70.10	1.900/48.26	2.220/56.39	2.600/66.04				
-241	2 X 25			3.26/82.80	2.400/60.96	2.720/69.09	3.100/78.74				
-242	2 X 30	D	STD.	3.76/95.50	2.900/73.66	3.220/81.79	3.600/91.44				
-243	2 X 15	D	STD.	2.26/57.40	1.400/35.56	1.720/43.69	2.100/53.34				
-244	2 X 5	A	NONE	1.26/32.00	.400/10.16	.720/18.28	1.100/27.94				
-245	2 X 8	D		1.56/39.62	.700/17.78	1.020/25.91	1.400/35.56				
-246	2 X 10			1.76/44.70	.900/22.86	1.220/30.99	1.600/40.64				
-247	2 X 13			2.06/52.34	1.200/30.48	1.520/38.61	1.900/48.26				
-248	2 X 17			2.46/62.48	1.600/40.64	1.920/48.79	2.300/58.42				
-249	2 X 20			2.76/70.10	1.900/48.26	2.220/56.39	2.600/66.04				
-250	2 X 25			3.26/82.80	2.400/60.96	2.720/69.09	3.100/78.74				
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

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

title	P.F. HDR. ASSEMBLY SEA HORSE 4 WALL
dwg no	68710
sheet	9 of 13
size	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	NOTES	PIN REMOVED	LEAD FREE OPTION
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			NOTE 12
-401	2 x 7	C		1.460/37.08	.600/15.24	.920/23.37	1.300/33.02						
-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			
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 10	14	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	linear .XX±.01/.3	INCH/MM	title P.F. HDR. ASSEMBLY SEA HORSE 4 WALL
AG	angles 0°±2'	.XXX±.005/.13 XXXX±.0020/.051	scale 1:1	dwg no 68710
	dr M. CLOUSER 3/01/90			sheet11 of13 size A3
	enrg M. SMYK 3/01/90			type Product Customer Drawing
	chr M. SMYK 3/01/90			
	appd M. SMYK 3/01/90			
sheet index	revision sheet			

PDM: Rev:AG STATUS:Released Printed: Apr 12, 2011

PRODUCT NUMBER	SIZE	STYLE	LATCH	DIM A	DIM B	DIM C	DIM D	DIM E	PIN PLATING	LEAD FREE P/W 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		NOTE 12
-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					NOTE 10
-521	2 x 7	C		1,460/37.08	.600/15.24	.920/23.37	1,300/33.02					NOTE 10
-522	2 x 8	D		1,560/39.62	.700/17.78	1,020/25.91	1,400/35.56					NOTE 10
-523	2 x 10			1,760/44.70	.900/22.86	1,220/30.99	1,600/40.64					NOTE 10
-524	2 x 12			1,960/49.78	1,100/27.49	1,420/36.07	1,800/45.72					NOTE 10
-525	2 x 13			2,060/52.34	1,200/30.48	1,520/38.61	1,900/48.26					NOTE 10
-526	2 x 15			2,260/57.40	1,400/35.56	1,720/43.69	2,100/53.34					NOTE 10
-527	2 x 17			2,460/62.48	1,600/40.64	1,920/48.79	2,300/58.42					NOTE 10
-528	2 x 20			2,760/70.10	1,900/48.26	2,220/56.39	2,600/66.04					NOTE 10
-529	2 x 22			2,960/75.18	2,100/53.34	2,420/61.47	2,800/71.12					NOTE 10
-530	2 x 25			3,260/82.80	2,400/60.96	2,720/69.09	3,100/78.74					NOTE 10
-531	2 x 30	D	STD.	3,760/95.50	2,900/73.66	3,220/81.79	3,600/91.44					NOTE 10
-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	2,800/71.12					
-550	2 x 25			3,260/82.80	2,400/60.96	2,720/69.09	3,100/78.74					
-551	2 x 30		LOW PROFILE	3,760/95.50	2,900/73.66	3,220/81.79	3,600/91.44					
-552	2 x 8		NONE	1,560/39.62	.700/17.78	1,020/25.91	1,400/35.56				2	
-553	2 x 8		STD	1,560/39.62	.700/17.78	1,020/25.91	1,400/35.56				2	
-554	2 x 10		NONE	1,760/44.70	.900/22.86	1,220/30.99	1,600/40.64				2	
-555	2 x 10		STD	1,760/44.70	.900/22.86	1,220/30.99	1,600/40.64		5	5LF	2	
68710-556	2 x 20	D	STD	2,760/70.10	1,900/48.26	2,220/56.39	2,600/66.04	.160/4.06	1	1	1,15,16,17,18,19,20,21,22,37,38,39,40	NOTE 12

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mat'l. code	surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection ⊕	product family QUICKIE
ltr	ecn	no	dr	date
AG				
	angles	linear	INCH/MM	title P.F. HDR. ASSEMBLY SEA HORSE 4 WALL
	0'±2"	.XX±.01/.3 .XXX±.005/.13 XXXX±.0020/.051	scale 1:1	dwg no 68710
	dr	M. CLOUSER	3/01/90	sheet 12 of 13 size A3
	enrg	M. SMYK	3/01/90	
	chr	M. SMYK	3/01/90	
	appd	M. SMYK	3/01/90	
sheet index	revision			type Product Customer Drawing

PDM: Rev:AG STATUS Released Printed: Apr 12, 2011

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
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			NOTE 12

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

PDM: Rev:AG STATUS Released Printed: Apr 12, 2011