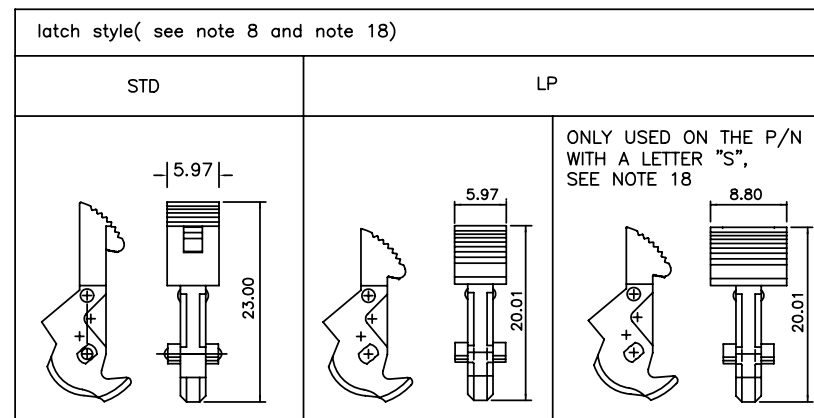
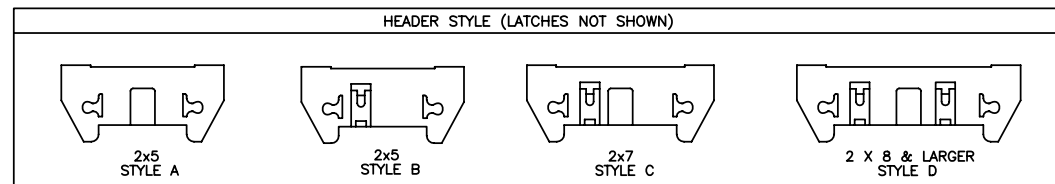


NOTES:

- HOUSING MAT'L: HIGH TEMPERTURE THERMOPLASTIC. UL94V-0.
COLOR : BLACK
- PIN MATERIAL: PHOSPHOR-BRONZE
- 3 LBS/1.36 KG MIN. RETENTION.
- TO DETERMINE DIMENSION:
N = NUMBER OF POSITIONS.
EXAMPLE: 10 POS., (N-1) x .100[2.54]=.900[22.87]
- RETENTIVE LEG:
RETENTION FEATURE AVAILABLE ON CONNECTORS WITH .105/2.67, .120/3.05
OR .150/3.81 TAIL LENGTH. RETENTION P/N INCLUDES THE LETTER "R"
AFTER THE EXISTING P/N.
EXAMPLE : 65863-XXX FOR EXISTING P/N
65863-XXXR FOR RETENTION P/N
RETENTION FEATURE LOCATION IS MANUFACTURERS OPTION.
5LB/2.3KG MAX INSERTION FORCE AND .25LB./1KG MIN RETENTION FORCE
PER RETENTIVE PIN USING .062/1.57 THICK CIRCUIT BOARD AND RECOMMENDED
HOLE PATTERN. RETENTIVE LOCATION AT THE DISCRETION OF THE MANUFACTURER.
OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE.
- 1° MAX DRAFT PERMISSIBLE ON ALL SURFACES UNLESS OTHERWISE SPECIFIED.
- PLATING ON LEAD-IN PORTION OF PIN IS MANUFACTURING OPTION.
- L.P. LATCHES TO BE USED WITH FEMALE CONNECTOR WITHOUT STRAIN RELIEF, ,
STANDARD LATCHES TO BE USED WITH FEMALE CONNECTOR WITH STRAIN RELIEF.
- RECOMMENDED MOUNTING SCREW SIZE : #2-56 FILLISTER HEAD MACHINE SCREW,
1/4" LONG FOR 1/16" AND 3/32" BOARD, 5/16" LONG FOR 1/8" BOARD.
- DASH -7XX IS POLARIZED (PIN MISSING).
- UNDERPLATING: 50μ"/1.27μm Ni.
- ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- FOR POLARIZATION, SPECIFY POSITION NUMBER (i.e.. 03= PIN 3) TO OMIT PIN.
OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm
MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES
IF THEY ARE AVAILABLE.
- "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND
HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT
ENVIRONMENTS."
- PLATING OPTIONS:
PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON CONTACT OR TAIL,
OPTIONALLY TIN ON TAIL.
- THE PART NUMBER IN THE DASH NUMBER WITH A LETTER "S" WILL HAVE A
SPECIAL SEA HORSE USED.
- LEAD FREE PLATING: 100u"~160u"/2.54u~4.06u PURE Sn.
- 65863-XXXP, P-DESIGNATE ORIENTATION POST.(SEE PAGE 23)
- 65863-XXXX, F-PLATING FOUR SIDES ON CONTACT AREA.(SEE PAGE 23)



mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family QUICKIE			
ltr	ecn	no	dr	date	tolerances unless otherwise specified	scale 1:1 FCI	title HEADER, QUICKIE SEA-HORSE, VERTICAL			
BE					angles linear					
					0°±2°					
					dr		dwg no			
					enr		sheet 2 of 23			
					chr		65863			
					appd		A3			
sheet index				revision	sheet		type Product Customer Drawing			



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PRODUCT NO NOTE 12,13	SIZE	LATCH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-037	2x20	NO	1.900/48,260	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
-038				.105/ 2,67	120u"~200u"/3.04um~5.08umTIN/LEAD	
-039				.150/ 3,81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-040				.150/ 3,81	120u"~200u"/3.04um~5.08umTIN/LEAD	
-041				.675/17,15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-042	2x20		1.900/48,260	.675/17,15	120u"~200u"/3.04um~5.08umTIN/LEAD	
-043	2x25		2.400/60,960	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-044				.105/ 2,67	120u"~200u"/3.04um~5.08umTIN/LEAD	
-045				.150/ 3,81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-046				.150/ 3,81	120u"~200u"/3.04um~5.08umTIN/LEAD	
-047				.675/17,15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-048	2x25	NO	2.400/60,960	.675/17,15	120u"~200u"/3.04um~5.08umTIN/LEAD	D
-049	2x5	STD	.400/10,160	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	A
-050				.105/ 2,67	120u"~200u"/3.04um~5.08umTIN/LEAD	
-051				.150/ 3,81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-052				.150/ 3,81	120u"~200u"/3.04um~5.08umTIN/LEAD	
-053				.675/17,15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-054	2x5		.400/10,160	.675/17,15	120u"~200u"/3.04um~5.08umTIN/LEAD	A
-055	2x7		.600/15,240	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	C
-056				.105/ 2,67	120u"~200u"/3.04um~5.08umTIN/LEAD	
-057				.150/ 3,81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-058				.150/ 3,81	120u"~200u"/3.04um~5.08umTIN/LEAD	
-059				.675/17,15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-060	2x7		.600/15,240	.675/17,15	120u"~200u"/3.04um~5.08umTIN/LEAD	C
-061	2x8		.700/17,780	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
-062				.105/ 2,67	120u"~200u"/3.04um~5.08umTIN/LEAD	
-063				.150/ 3,81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-064				.150/ 3,81	120u"~200u"/3.04um~5.08umTIN/LEAD	
-065				.675/17,15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-066	2x8		.700/17,780	.675/17,15	120u"~200u"/3.04um~5.08umTIN/LEAD	
-067	2x10		.900/22,860	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-068				.105/ 2,67	120u"~200u"/3.04um~5.08umTIN/LEAD	
-069				.150/ 3,81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-070				.150/ 3,81	120u"~200u"/3.04um~5.08umTIN/LEAD	
-071				.675/17,15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
65863-072	2x10	STD	.900/22,860	.675/17,15	120u"~200u"/3.04um~5.08umTIN/LEAD	D

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family QUICKIE			
ltr		ecn no		dr		date		tolerances unless otherwise specified		title			
BE								linear		HEADER, QUICKIE			
								0°±2'		SEA-HORSE, VERTICAL			
								dr		M. CORNMAN		8/21/90	
								enr		M. SMYK		8/21/90	
								chr		M. SMYK		8/21/90	
								appd		M. SMYK		8/21/90	
sheet index		revision sheet											

scale 1:1				dwg no		sheet4 of23size	
				65863		A3	
				type		Product Customer Drawing	

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PRODUCT NO NOTES 12,13		SIZE	LATCH NOTE 8	DIM B	DIM D	TERMINAL PLATING					STYLE		NOTE 16,19 NOTE 16,19								

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PRODUCT NO NOTE 12,13	SIZE	LATCH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-109	2x5	NO	.400/10,160	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	A
-110	2x7		.600/15,240			C
-111	2x8		.700/17,780			D
-112	2x10		.900/22,860			
-113	2x13		1.200/30,480			
-114	2x17		1.600/40,640			
-115	2x20		1.900/48,260			
-116	2x25		2.400/60,960			
-117	2x30	NO	2.900/73,660			D
-118	2x5	STD	.400/10,160			A
-119	2x7		.600/15,240			C
-120	2x8		.700/17,780			D
-121	2x10		.900/22,860			
-122	2x13		1.200/30,480			
-123	2x17		1.600/40,640			
-124	2x20		1.900/48,260			
-125	2x25		2.400/60,960			
-126	2x30	STD	2.900/73,660	.105/ 2,67		
-127	2x20	NO	1.900/48,260	.150/ 3,81		
-128	2x20	STD	1.900/48,260			D
-129	2x5	NO	.400/10,160			A
-130	2x7		.600/15,240			C
-131	2x8		.700/17,780			D
-132	2x10		.900/22,860			
-133	2x13		1.200/30,480			
-134	2x17		1.600/40,640			
-135	2x20		1.900/48,260			
-136	2x25		2.400/60,960			
-137	2x30	NO	2.900/73,660			D
-138	2x5	STD	.400/10,160			A
-139	2x7		.600/15,240			C
-140	2x8		.700/17,780			D
-141	2x10		.900/22,860			
-142	2x13		1.200/30,480			
-143	2x17		1.600/40,640			
65863-144	2x20	STD	1.900/48,260	.150/ 3,81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D

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mat'l. code				surface ISO 1302 ☒ tolerance ISO 406 ISO 1101		projection 		product family QUICKIE				
ltr	ecn	no	dr	date		tolerances unless otherwise specified		title				
BE						angles	linear	INCH/MM		HEADER, QUICKIE		
						0°±2°		scale 1:1		SEA-HORSE, VERTICAL		
				dr	M. CORNMAN	8/21/90			dwg no		sheet6 of23size	
				enr	M. SMYK	8/21/90			65863		A3	
				chr	M. SMYK	8/21/90						
				appd	M. SMYK	8/21/90			type		Product Customer Drawing	
sheet index		revision sheet										

form: A3

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PDS: Rev :BE

STATUS: Released

Printed: Jun 19, 2014

PRODUCT NO NOTE 12,13	SIZE	LATCH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-145	2x25	STD	2.400/60,960	.150/ 3,81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
↑ -146	2x30	STD	2.900/73,660	.150/ 3,81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
↑ -147	2x5	NO	.400/10,160	.675/17,15	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	A
↑ -148	2x7	↑	.600/15,240	↑	↑	C
↑ -149	2x8	↑	.700/17,780	↑	↑	D
↑ -150	2x10	↑	.900/22,860	↑	↑	↑
↑ -151	2x13	↑	1.200/30,480	↑	↑	↑
↑ -152	2x17	↑	1.600/40,640	↑	↑	↑
↑ -153	2x20	↑	1.900/48,260	↑	↑	↑
↑ -154	2x25	↓	2.400/60,960	↑	↑	↓
↑ -155	2x30	NO	2.900/73,660	↑	↑	D
↑ -156	2x5	STD	.400/10,160	↑	↑	A
↑ -157	2x7	↑	.600/15,240	↑	↑	C
↑ -158	2x8	↑	.700/17,780	↑	↑	D
↑ -159	2x10	↑	.900/22,860	↑	↑	↑
↑ -160	2x13	↑	1.200/30,480	↑	↑	↑
↑ -161	2x17	↑	1.600/40,640	↑	↑	↑
↑ -162	2x20	↑	1.900/48,260	↑	↑	↑
↑ -163	2x25	↓	2.400/60,960	↓	↓	↓
↑ -164	2x30	STD	2.900/73,660	.675/17,15	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
↑ -165	2x5	LP	.400/10,160	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	A
↑ -166	↑	↑	↑	.105/ 2,67	120u"~200u"/3.04um~5.08umTIN/LEAD	↑
↑ -167	↑	↑	↑	.150/ 3,81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	↑
↑ -168	↑	↑	↑	.150/ 3,81	120u"~200u"/3.04um~5.08umTIN/LEAD	↑
↑ -169	↓	↑	↓	.675/17,15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	↓
↑ -170	2x5	↑	.400/10,160	.675/17,15	120u"~200u"/3.04um~5.08umTIN/LEAD	A
↑ -171	2x7	↑	.600/15,240	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	C
↑ -172	↑	↑	↑	.105/ 2,67	120u"~200u"/3.04um~5.08umTIN/LEAD	↑
↑ -173	↑	↑	↑	.150/ 3,81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	↑
↑ -174	↑	↑	↑	.150/ 3,81	120u"~200u"/3.04um~5.08umTIN/LEAD	↑
↑ -175	↓	↑	↓	.675/17,15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	↓
↑ -176	2x7	↑	.600/15,240	.675/17,15	120u"~200u"/3.04um~5.08umTIN/LEAD	C
↑ -177	2x8	↑	.700/17,780	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
↑ -178	2x8	↑	.700/17,780	.105/ 2,67	120u"~200u"/3.04um~5.08umTIN/LEAD	D
↓ -179	2x8	↓	.700/17,780	.150/ 3,81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
65863-180	2x8	LP	.700/17,780	.150/ 3,81	120u"~200u"/3.04um~5.08umTIN/LEAD	D

NOTE 16,19

NOTE 16,19

NOTE 16,19

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NOTE 16,19

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family QUICKIE			
itr ecn no dr date				tolerances unless otherwise specified				INCH/MM		title HEADER, QUICKIE SEA-HORSE, VERTICAL			
BE				angles		linear							
						XXX-01/XXX-03		scale 1:1		dwg no sheet 7 of 23 size 65863 A3			
						XXX-005/XXX-013							
				0°±2'		XXXXX-0020/XXXXX-0051				type Product Customer Drawing			
				dr		M. CORNMAN 8/21/90							
				enrg		M. SMYK 8/21/90							
				chr		M. SMYK 8/21/90							
				appd		M. SMYK 8/21/90							
sheet index		revision sheet											

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PRODUCT NO NOTE 12,13	SIZE	LATCH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-253	2x20	NO	1.900/48,260	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
-254	2x25	↑	2.400/60,960	.105/ 2,67		D
-255	2x30		2.900/73,660	.105/ 2,67		D
-256	2x5		.400/10,160	.675/17,15		A
-257	2x7		.600/15,240	↑		C
-258	2x8		.700/17,780	↑		D
-259	2x10		.900/22,860	↑		
-260	2x13		1.200/30,480	↑		
-261	2x17		1.600/40,640	↑		
-262	2x20		1.900/48,260	↑		
-263	2x25	↓	2.400/60,960	↓		
-264	2x30	NO	2.900/73,660	.675/17,15		D
-265	2x5	STD	.400/10,160	.105/ 2,67		A
-266	2x7	↑	.600/15,240	↑		C
-267	2x8		.700/17,780	↑		D
-268	2x10		.900/22,860	↑		
-269	2x13		1.200/30,480	↑		
-270	2x17		1.600/40,640	↑		
-271	2x20		1.900/48,260	↑		
-272	2x25		2.400/60,960	↓		
-273	2x30		2.900/73,660	.105/ 2,67		D
-274	2x5		.400/10,160	.675/17,15		A
-275	2x7		.600/15,240	↑		C
-276	2x8		.700/17,780	↑		D
-277	2x10		.900/22,860	↑		
-278	2x13		1.200/30,480	↑		
-279	2x17		1.600/40,640	↑		
-280	2x20		1.900/48,260	↑		
-281	2x25	↓	2.400/60,960	↓		
-282	2x30	STD	2.900/73,660	.675/17,15		D
-283	2x5	LP	.400/10,160	.105/ 2,67		A
-284	2x7	↑	.600/15,240	↑		C
-285	2x8		.700/17,780	↑		D
-286	2x10		.900/22,860	↑		D
-287	2x13	↓	1.200/30,480	↓		D
65863-288	2x17	LP	1.600/40,640	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D

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mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection INCH/MM		product family QUICKIE			
litr		ecn no		dr		date		tolerances unless otherwise specified		title			
BE								linear		HEADER, QUICKIE			
								angles		SEA-HORSE, VERTICAL			
								0°±2°		scale 1:1			
								dr		M. CORNMAN 8/21/90			
								enr		M. SMYK 8/21/90			
								chr		M. SMYK 8/21/90			
								appd		M. SMYK 8/21/90			
sheet index		revision sheet								dwg no			
										sheet 10 of 22			
										size			
										A3			
										type			
										Product Customer Drawing			

form: A3

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PDS: Rev :BE

STATUS: Released

Printed: Jun 19, 2014

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PRODUCT NO NOTE 12,13	SIZE	LATCH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-289	2x20	LP	1.900/48,260	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
-290	2x25		2.400/60,960	.105/ 2,67		D
-291	2x30		2.900/73,660	.105/ 2,67		D
-292	2x5		.400/10,160	.675/17,15		A
-293	2x7		.600/15,240			C
-294	2x8		.700/17,780			D
-295	2x10		.900/22,860			
-296	2x13		1.200/30,480			
-297	2x17		1.600/40,640			
-298	2x20		1.900/48,260			
-299	2x25		2.400/60,960			
-300	2x30	LP	2.900/73,660	.675/17,15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
-301	2x5	NO	.400/10,160	.105/ 2,67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	A
-302	2x7		.600/15,240			C
-303	2x8		.700/17,780			D
-304	2x10		.900/22,860			
-305	2x13		1.200/30,480			
-306	2x17		1.600/40,640			
-307	2x20		1.900/48,260			
-308	2x25		2.400/60,960			
-309	2x30		2.900/73,660	.105/ 2,67		D
-310	2x5		.400/10,160	.150/ 3,81		A
-311	2x7		.600/15,240			C
-312	2x8		.700/17,780			D
-313	2x10		.900/22,860			
-314	2x13		1.200/30,480			
-315	2x17		1.600/40,640			
-316	2x20		1.900/48,260			
-317	2x25		2.400/60,960			
-318	2x30	NO	2.900/73,660	.150/ 3,81		D
-319	2x5	STD	.400/10,160	.105/ 2,67		A
-320	2x7		.600/15,240			C
-321	2x8		.700/17,780			D
-322	2x10		.900/22,860			D
-323	2x13		1.200/30,480			D
65863-324	2x17	STD	1.600/40,640	.105/ 2,67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	D

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

INCH/MM

scale 1:1

title
HEADER, QUICKIE
SEA-HORSE, VERTICAL

dr

M. CORNMAN

8/21/90

engr

M. SMYK

8/21/90

chr

M. SMYK

8/21/90

appd

M. SMYK

8/21/90

dwg no

sheet11 of23

size
A3

type

Product Customer Drawing

sheet index

revision sheet

41

PDS: Rev :BE

STATUS: Released

Printed: Jun 19, 2014

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PRODUCT NO NOTE 12,13	SIZE	LATCH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-396	2x5	LP	.400/10.160	.105/ 2,67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	A
-397		NO		.150/ 3,81		
-398		STD		.150/ 3,81		
-399		LP		.150/ 3,81		A
-400		NO		.105/ 2,67		B
-401		STD		.105/ 2,67		
-402		LP		.105/ 2,67		
-403		NO		.150/ 3,81		
-404		STD		.150/ 3,81		
-405	2x5	LP	.400/10.160	.150/ 3,81		B
-406	2x7	NO	.600/15.240	.105/ 2,67		C
-407		STD		.105/ 2,67		
-408		LP		.105/ 2,67		
-409		NO		.150/ 3,81		
-410		STD		.150/ 3,81		
-411	2x7	LP	.600/15.240	.150/ 3,81		C
-412	2x8	NO	.700/17.780	.105/ 2,67		D
-413		STD		.105/ 2,67		
-414		LP		.105/ 2,67		
-415		NO		.150/ 3,81		
-416		STD		.150/ 3,81		
-417	2x8	LP	.700/17.780	.150/ 3,81		
-418	2x10	NO	.900/22.860	.105/ 2,67		
-419		STD		.105/ 2,67		
-420		LP		.105/ 2,67		
-421		NO		.150/ 3,81		
-422		STD		.150/ 3,81		
-423	2x10	LP	.900/22.860	.150/ 3,81		
-424	2x13	NO	1.200/30.480	.105/ 2,67		
-425		STD		.105/ 2,67		
-426		LP		.105/ 2,67		
-427		NO		.150/ 3,81		
-428		STD		.150/ 3,81		
-429	2x13	LP	1.200/30.480	.150/ 3,81		
65863-430	2x17	NO	1.600/40.640	.105/ 2,67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	D

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mat'l. code		surface		tolerance		projection		product family	
		ISO 1302 ✓		ISO 406 ISO 1101				QUICKIE	
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM		title	
BE				angles	linear	linear		HEADER, QUICKIE	
				0°±2°		scale 1:1		SEA-HORSE, VERTICAL	
				dr	M. CORNMAN	8/21/90		dwg no sheet 14 of 23 size	
				enr	M. SMYK	8/21/90		65863 A3	
				chr	M. SMYK	8/21/90		type Product Customer Drawing	
				appd	M. SMYK	8/21/90			
sheet index	revision sheet								

form: A3

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PDS: Rev :BE

STATUS: Released

Printed: Jun 19, 2014

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form: A3 1 2 3 4 PDS: Rev :BE STATUS: Released Printed: Jun 19, 2016

PRODUCT NO NOTE 12,13	SIZE	LATCH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-466	2x12	NO	1.100/27.940	.150/3.81	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
-467		STD			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-468		LP			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-469		NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-470		STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-471		LP			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-472		NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-473		STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-474		LP			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-475		NO			120u-200u"/3.04u-5.08u TIN/LEAD	
-476		STD			120u-200u"/3.04u-5.08u TIN/LEAD	
-477		LP		.150/3.81	120u-200u"/3.04u-5.08u TIN/LEAD	
-478		NO		.105/2.67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-479		STD			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-480		LP			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-481		NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-482		STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-483		LP		.105/2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-484		NO		.150/3.81	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-485		STD		.150/3.81	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-486		LP		.150/3.81	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-487		NO		.675/17.15	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-488		STD			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-489		LP			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-490		NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-491		STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-492		LP			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-493		NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-494		STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-495		LP			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-496		NO			120u-200u"/3.04u-5.08u TIN/LEAD	
-497		STD			120u-200u"/3.04u-5.08u TIN/LEAD	
-498	2x12	LP	1.100/27.940	.675/17.15	120u-200u"/3.04u-5.08u TIN/LEAD	
-499	2x15	NO	1.400/35.560	.105/2.67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
65863-500	2x15	STD	1.400/35.560	.105/2.67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	D

NOTE 16,19

NOTE 16,19

NOTE 16,19

NOTE 16,19

NOTE 16,19

NOTE 16,19

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family QUICKIE			
itr ecn no dr date				tolerances unless otherwise specified						title			
BE				angles		XXX-01/XXX-03		INCH/MM		HEADER, QUICKIE SEA-HORSE, VERTICAL			
				linear		XXX-005/XXX-013 XXXXX-0020/XXX-0050		scale 1:1					
				dr		M. CORNMAN 8/21/90				dwg no sheet16 of23size			
				enrg		M. SMYK 8/21/90				65863		A3	
				chr		M. SMYK 8/21/90				type Product Customer Drawing			
				appd		M. SMYK 8/21/90							
sheet index		revision sheet											

PRODUCT NO NOTE 12,13	SIZE	LATCH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-501	2x15	LP	1.400/35.560	.105/2.67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
-502		NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-503		STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-504		LP			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-505		NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-506		STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-507		LP			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-508		NO			120u-200u"/3.04u-5.08u TIN/LEAD	
-509		STD			120u-200u"/3.04u-5.08u TIN/LEAD	
-510		LP		.105/2.67	120u-200u"/3.04u-5.08u TIN/LEAD	
-511		NO		.150/3.81	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-512		STD			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-513		LP			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-514		NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-515		STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-516		LP			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-517		NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-518		STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-519		LP			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-520		NO			120u-200u"/3.04u-5.08u TIN/LEAD	
-521		STD			120u-200u"/3.04u-5.08u TIN/LEAD	
-522		LP		.150/3.81	120u-200u"/3.04u-5.08u TIN/LEAD	
-523		NO		.105/2.67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-524		STD			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-525		LP			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-526		NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-527		STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-528		LP		.105/2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-529		NO		.150/3.81	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-530		STD		.150/3.81	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-531		LP		.150/3.81	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-532		NO		.675/17.15	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-533		STD			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
-534		LP			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	
65863-535	2x15	NO	1.400/35.560	.675/17.15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D

NOTE 16,19

NOTE 16,19

NOTE 16,19

NOTE 16,19

NOTE 16,19

NOTE 16,19

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family QUICKIE			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
BE				angles	linear	XXX±.01 / XXX±.03		INCH/MM		HEADER, QUICKIE SEA-HORSE, VERTICAL			
						XXX±.005 / XXX±.013							
				0°±2°		XXX±.0020 / XXX±.0051		scale 1:1					
				dr	M. CORNMN	8/21/90				dwg no		sheet 17 of 23	size
				engr	M. SMYK	8/21/90				65863		A3	
				chr	M. SMYK	8/21/90							
				appd	M. SMYK	8/21/90							
sheet index		revision sheet								type Product Customer Drawing			

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PRODUCT NO NOTE 12,13	SIZE	LATCH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE	PIN MISSING
65863-640	2x12	NO	1.100/ 27.94	.150/3,81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D	NONE
-641	2x12	STD	1.100/ 27.94				
-642	2x15	NO	1.400/ 35.56				
-643	2x15	STD	1.400/ 35.56				
-644	2x30	NO	2.900/ 73.66				
-645	2x30	STD	2.900/ 73.66				
-646	2x25	STD	2.400/ 60.96			D	
-647	2x5	STD	.400/ 10.16			A	
-648	2x7	STD	.600/ 15.24			C	
-649	2x13	STD	1.120/ 30.48			D	
-650	2x17	STD	1.600/ 40.64			D	
-651	2x5	NO	.400/ 10.16			A	
-652	2x7	NO	.600/ 15.24			C	
-653	2x13	NO	1.120/ 30.48			D	
-654	2x17	NO	1.600/ 40.64	.150/3,81		D	
-655	2x5	STD	.400/ 10.16	.175/4.45		A	
-656	2x7		.600/ 15.24			C	
-657	2x13		1.120/ 30.48			D	
-658	2x17	STD	1.600/ 40.64	.175/4.45		D	
-659	2x5	NO	.400/ 10.16	.250/6.35		A	
-660	2x7	LP	.600/ 15.24	.236/5.99	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	C	NONE
-715	2x8	LP	.700/ 17.78	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D	3
-716	2x8	LP	.700/ 17.78	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D	14
-717	2X20	LP	1.900/48.26	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D	20
-717S	2X20	LP	1.900/48.26	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D	20
-733	2x17	LP	1.600/ 40.14	.105/2.67	50u"/1.27u MIN (NOTE 17) OVER 50u"/1.27u Ni	D	5
-734	2x17	STD	1.600/ 40.64	.105/2.67	50u"/1.27u MIN (NOTE 17) OVER 50u"/1.27u Ni	D	5
-735	2x10	LP	.900/ 22.86	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D	16
-736	2x10	LP	.900/ 22.86		30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D	19
-737	2x5	LP	.400/ 10.16		30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	A	10
-738	2X20	LP	1.900/48.26		30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D	8
-739	2X25	LP	2.400/60.96			D	25
-740	2X12	LP	1.100/ 27.94			D	20
-741	2X17	LP	1.600/ 40.64			D	5
-741S	2X17	LP	1.600/ 40.64			D	5
-742	2X5	LP	.400/ 10.16			A	2
65863-743	2X17	LP	1.600/ 40.64	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D	3

NOTE 18

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mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family QUICKIE			
itr ecn no dr date				tolerances unless otherwise specified						title			
BE				angles		linear		INCH/MM		HEADER, QUICKIE			
						XXX-01/XXX-03				SEA-HORSE, VERTICAL			
						XXX-005/XXX-013							
				0°±2'		XXXXX-0020/XXXXX-0051		scale 1:1					
				dr		M. CORNMAN		8/21/90		dwg no sheet21 of23size			
				engr		M. SMYK		8/21/90		65863 A3			
				chr		M. SMYK		8/21/90		type Product Customer Drawing			
				appd		M. SMYK		8/21/90					
sheet index		revision sheet											

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PRODUCT NO NOTE 12,13	SIZE	LATCH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE	MISSING PIN
65863-744	2x17	LP	1.600/ 40.64	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D	3, 5
65863-744S	2x17	LP	1.600/ 40.64	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D	3, 5
65863-843	2x5	N/A	.400/ 10.16	.120/3.05	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	A	
-844	2x7		.600/ 15.24			C	
-845	2x10		.900/ 22.86			D	
-846	2x15		1.400/ 35.56				
-847	2x17		1.600/ 40.64				
-848	2X20		1.900/ 48.26				
-849	2X25		2.400/ 60.96				
-850	2x30	N/A	2.900/ 73.66			D	
-851	2x5	STD	.400/ 10.16			A	
-852	2x7		.600/ 15.24			C	N/A
-853	2x10		.900/ 22.86			D	
-854	2x15		1.400/ 35.56				
-855	2x17		1.600/ 40.64				
-856	2X20		1.900/ 48.26				
-857	2X25		2.400/ 60.96				
-858	2x30	STD	2.900/ 73.66			D	
-859	2x5	L/P	.400/ 10.16			A	
-860	2x7		.600/ 15.24			C	
-861	2x10		.900/ 22.86			D	
-861S	2x10		.900/ 22.86			D	
-862	2x15		1.400/ 35.56				
-863	2x17		1.600/ 40.64				
-864	2X20		1.900/ 48.26				
-865	2X25		2.400/ 60.96				
65863-866	2x30	L/P	2.900/ 73.66	.120/3.05		D	
65863-867S	2x12	L/P	1.100/ 27.94	.105/2.67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u Ni	D	24
65863-868S	2x12	L/P	1.100/ 27.94	.105/2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D	24

NOTE 18

NOTE 18

NOTE 18

NOTE 18

mat'l. code

surface
ISO 1302 ✓

tolerance
ISO 406
ISO 1101

projection
INCH/MM

product family
QUICKIE

ltr
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dr

date

tolerances unless otherwise specified

angles
0°±2°

linear
XXX±.01/XXX±.03
XXX±.005/XXX±.013
XXXX±.0020/XXXX±.0051

dr
M. CORNMAN 8/21/90

enr
M. SMYK 8/21/90

chr
M. SMYK 8/21/90

appd
M. SMYK 8/21/90

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scale 1:1

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dwg no
65863

sheet 22 of 23

size
A3

type
Product Customer Drawing

form: A3

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PDS: Rev :BE

STATUS: Released

Printed: Jun 19, 2014

PRODUCT NO NOTE 12,13	SIZE	LATCH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-049P	2x5	STD	.400/10,160	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	A
65863-055P	2x7	STD	.600/15,240	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	C
65863-061P	2x8	STD	.700/17,780	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
65863-067P	2x10	STD	.900/22,860	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
65863-073P	2x13	STD	1.200/30,480	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
65863-079P	2x17	STD	1.600/40,640	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
65863-085P	2x20	STD	1.900/48,260	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
65863-091P	2x25	STD	2.400/60,960	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
65863-203P	2x20	LP	1.900/48,260	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
65863-079F	2x17	STD	1.600/40,640	.105/ 2,67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D
65863-081F	2x17	STD	1.600/40,640	.150/ 3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u Ni	D

mat'l. code				surface ☒ tolerance ISO 1302 ☒ ISO 406 ISO 1101		projection 		product family QUICKIE					
ltr	ecn	no	dr	date		tolerances unless otherwise specified			title				
BE						angles linear 0°±2°	$\frac{.0015 \pm .01}{.0015 \pm .01}$		INCH/MM 	HEADER, QUICKIE SEA-HORSE, VERTICAL			
							$\frac{.0005 \pm .005}{.0005 \pm .005}$						
							$\frac{.0005 \pm .0020}{.0005 \pm .005}$						
				dr	M. CORNMAN	8/21/90		dwg no		sheet 23 of 23		size	
				enrg	M. SMYK	8/21/90		65863				A3	
				chr	M. SMYK	8/21/90							
				appd	M. SMYK	8/21/90							
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