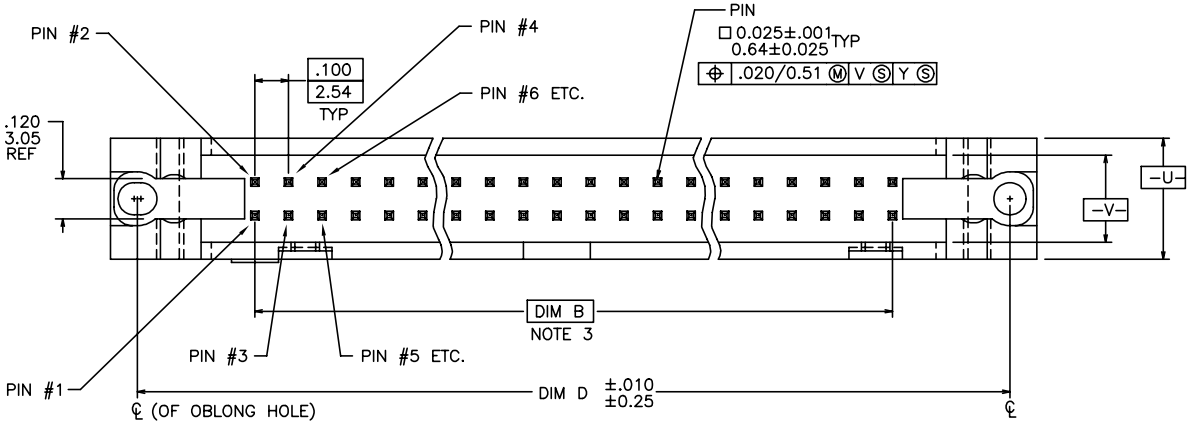
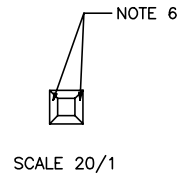
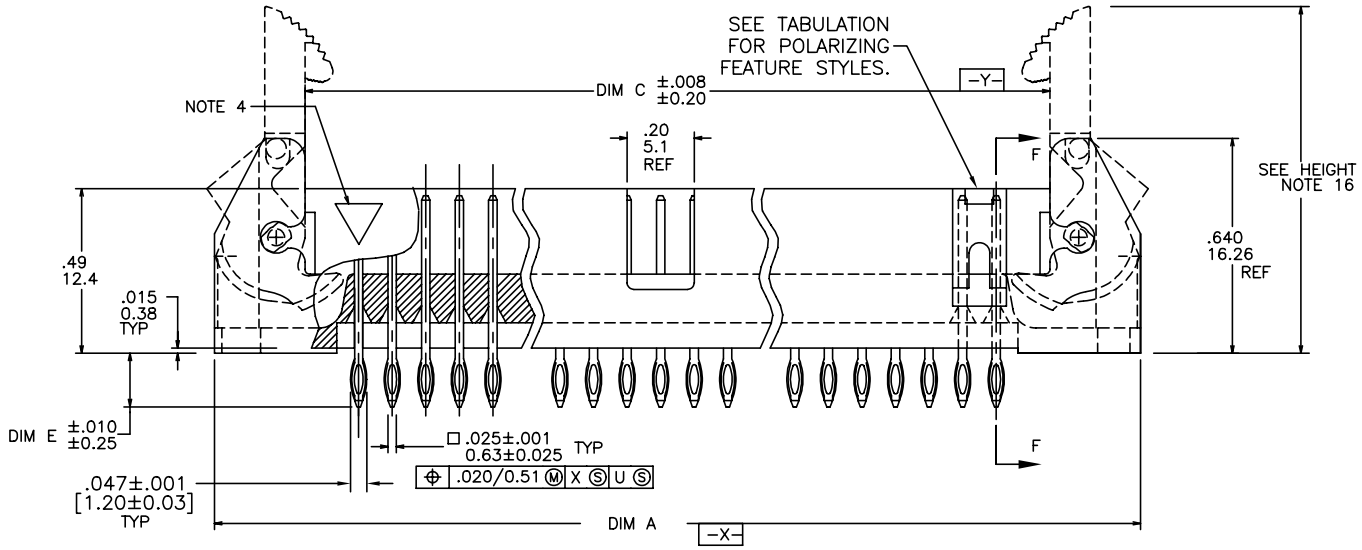
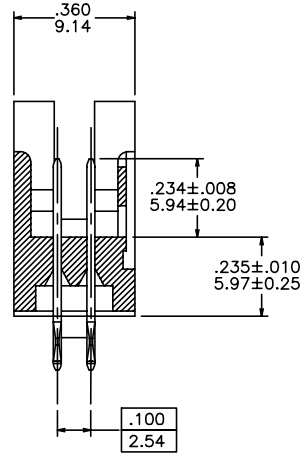
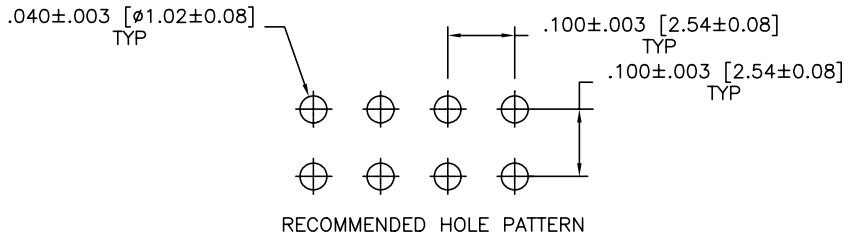
PRODUCT NUMBER
SEE TABLE











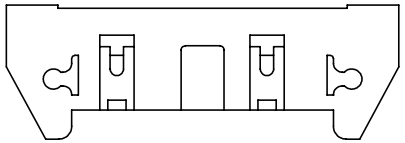
RECOMMENDED HOLE PATTERN

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				
A	--	DCS	2012-10-22	angles	linear	.XX±.01/.X±0.3	INCH/MM	E.O.N. HDR. ASSEMBLY SEA HORSE 4 WALL			
B	ELX-N-15789	ZK	2013-09-09	0±2°		.XXX±.005/.XX±0.13					
						.XXXX±.0020/.XXX±0.051	scale 1:1				
				dr	Brandon Ding	2012-10-22		dwg no 10123040	sheet 1 of 3	size A3	
				engr	Brandon Ding	2012-11-02					
				chr	Rick Bian	2012-11-02		type Product Customer Drawing			
				appd	Rick Bian	2012-11-02					
sheet index	revision	B	B	B							
	sheet	1	2	3							

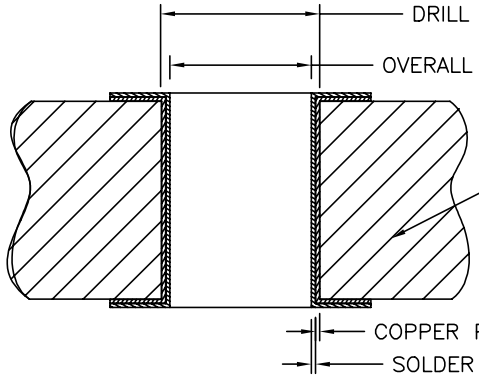
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form: A3

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



STYLE D



PLATED THROUGH HOLE SPECIFICATIONS
FOR PRINTED CIRCUIT BOARDS

SURFCE FINISH					
Ag	Au	HOLE PLATING	SnPb	Sn	Copper
.037–043 [0.94–1.09]	.037–043 [0.94–1.09]	HOLE DIAMETER AFTER PLATING	.037–043 [0.94–1.09]	.037–043 [0.94–1.09]	.037–043 [0.94–1.09]
.0443–0463 [1.12–1.17]	.0443–0463 [1.12–1.17]	DRILLED HOLE	.0443–0463 [1.12–1.17]	.0443–0463 [1.12–1.17]	.0443–0463 [1.12–1.17]
.001–.003 [0.025–0.076]	.001–.003 [0.025–0.076]	COPPER PLATING	.001–.003 [0.025–0.076]	.001–.003 [0.025–0.076]	.001–.003 [0.025–0.076]
–	–	TIN LEAD PLATING	.0003–.0005 [0.0076–0.0127]	–	–
–	.0002–.0003 [0.0051–0.0076]	NICKEL PLATING	–	–	–
–	.000004–.000008 [.0001–.0002]	GOLD PLATING	–	–	–
–	–	IMMERSION Sn	–	.000039–.000051 [.0009–.0013]	–
.000016–.000024 [0.0004–0.0006]	–	IMMERSION Ag	–	–	–

NOTES:

1. BODY MATERIAL; 30% GLASS FILLED POLYESTER FLAME RETARDANT PER UL 94–V0 COLOR–BLUE.
   –1XX TO –6XX BLUE PBT
   –7XX TO –9XX GREY PBT
2. UNLESS OTHERWISE SPECFIED, 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. PART NUMBERS WITH "LF" SUFFIX AT THE END OF PART NUMBER ARE LEAD FREE
13. THESE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS–22–008.
14. THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS.
15. SEA–HORSE REFERNCE HEIGHT:
    STANDARD SEA–HORSE: 1.035/26.29
    LOW PROFILE SEA–HORSE: 0.920/23.37

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		
B				angles	linear	.XX±.01/.X±0.3		INCH/MM	E.O.N. HDR. ASSEMBLY SEA HORSE 4 WALL		
						.XXX±.005/.XX±0.13					
				0±2°		.XXXX±.0020/.XXX±0.051		scale 1:1			
				dr	Brandon Ding	2012–10–22			dwg no 10123040	sheet 2 of 3	size A3
				engr	Brandon Ding	2012–11–02					
				chr	Rick Bian	2012–11–02					
				appd	Rick Bian	2012–11–02			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
10123040-001LF	2 X 10	D	STD.	1.76/44.70	.900/22.86	1.220/30.99	1.600/40.64	.160/4.06	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	tolerances unless otherwise specified		INCH/MM	title E.O.N. HDR. ASSEMBLY SEA HORSE 4 WALL
B	angles 0±2°	linear .XX±.01/X±0.3 .XXX±.005/.XX±0.13 .XXXX±.0020/.XXX±0.051	scale 1:1	
	dr	Brandon Ding	2012-10-22	dwg no 10123040 sheet 3 of 3 size A3
	engr	Brandon Ding	2012-11-02	
	chr	Rick Bian	2012-11-02	
	appd	Rick Bian	2012-11-02	type Product Customer Drawing
sheet index	revision sheet			

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Amphenol:

86093968813H45V1LF 86130202123355E1LF 65781-158 70218-1116LF 86093488314745V1LF 95157-140LF RJSBE5080C2 54202-S08-07LF 67996-204HLF 68001-200HLF 76384-316LF 86093967896755LF D15P13A6RV12LF DEM09P032N LD15P33E4GV00LF 54202-G0805CLF LD25S33E4GV00LF 68000-236HLF 68001-108HLF 70430-164LF 86093968191755E3LF DAPO15S365TLF 69192-408HLF 91614-403ALF 68002116HLF 70234-112LF RJE061661210 863013A CD15S13E4RV09LF DCMF37P