



SEE SHEET 2 FOR TABLE & NOTES

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN C. VALENTINE 06DEC2010	Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: mm [INCHES]		CHK S. BOLASH 06DEC2010	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. BOLASH 06DEC2010	NAME: HEADER ASSY, UNIVERSAL, AMP-LATCH
0 PLC ± -		PRODUCT SPEC: 108-40018	
1 PLC ± -		APPLICATION SPEC: -	SIZE: A1
2 PLC ± ± 0.13[.005]		WEIGHT: -	CAGE CODE: 00779
3 PLC ± ± -		SCALE: 4:1	DRAWING NO: 2169663
4 PLC ± ± -		SHEET: 1 OF 2	REV: A
ANGLES ± ± -		CUSTOMER DRAWING	

- ① COORDINATE DIMENSION APPLIES FROM BASIC LOCATION.
- ② 10 AND 14 POSITION SIZES CONTAIN ONLY ONE SLOT FOR SNAP-IN POLARIZER (MILITARY POLARIZATION) LOCATED AS SHOWN.
- ③ 10 POSITION SIZE CONTAINS ONLY ONE SLOT FOR DUAL POLARIZATION, LOCATED AS SHOWN.
- 4. RECOMMENDED PRINTED CIRCUIT BOARD THICKNESS IS 1.57 [.062]
- ⑤ MATERIAL:  
HOUSING: GLASS FILLED NYLON OR POLYESTER, UL94V-0 RATED, BLACK.  
POSTS: PHOS BRONZE OR BRASS
- ⑥ FINISH:  
POSTS: 0.76 $\mu$ m[.000030] MIN GOLD PLATE ON THE LOCALIZED PLATE AREA,  
2.54 $\mu$ m[.000100] MIN TIN PLATE ON THE TAIL, 1.27 $\mu$ m[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.
- ⑦ DATUMS M & N TO BE ESTABLISHED BY CUSTOMER.

78.74	96.52	90.42	100.58	96.52	86.36	64	1-2169663-2
[3.100]	[3.800]	[3.560]	[3.960]	[3.800]	[3.400]		
73.66	91.44	85.34	95.50	91.44	81.28	60	1-2169663-1
[2.900]	[3.600]	[3.360]	[3.760]	[3.600]	[3.200]		
60.96	78.74	72.64	82.80	78.74	68.58	50	1-2169663-0
[2.400]	[3.100]	[2.860]	[3.260]	[3.100]	[2.700]		
48.26	66.04	59.94	70.10	66.04	55.88	40	2169663-9
[1.900]	[2.600]	[2.360]	[2.760]	[2.600]	[2.200]		
40.64	58.42	52.32	62.48	58.42	48.26	34	2169663-8
[1.600]	[2.300]	[2.060]	[2.460]	[2.300]	[1.900]		
35.56	53.34	47.24	57.40	53.34	43.18	30	2169663-7
[1.400]	[2.100]	[1.860]	[2.260]	[2.100]	[1.700]		
30.48	48.26	42.16	52.32	48.26	38.10	26	2169663-6
[1.200]	[1.900]	[1.660]	[2.060]	[1.900]	[1.500]		
27.94	45.72	39.62	49.78	45.72	35.56	24	2169663-5
[1.100]	[1.800]	[1.560]	[1.960]	[1.800]	[1.400]		
15.24	33.02	26.92	37.08	33.02	22.86	14	2169663-2
[.600]	[1.300]	[1.060]	[1.460]	[1.300]	[.900]		
10.16	27.94	21.84	32.00	27.94	17.78	10	2169663-1
[.400]	[1.100]	[.860]	[1.260]	[1.100]	[.700]		
F	E	D	C	B	A	NO OF POSN	PART NUMBER

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TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± 0.13[.005] 3 PLC ± - 4 PLC ± - ANGLES ± -		APVD S. BOLASH 06DEC2010	PRODUCT SPEC 108-40018	
MATERIAL		WEIGHT	SIZE A1	CAGE CODE 00779
FINISH		RESTRICTED TO	DRAWING NO 2169663	
		CUSTOMER DRAWING	SCALE 4:1	SHEET 2 OF 2
			REV A	

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