



SEE SHEET 2 FOR TABLE & NOTES

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN G. ATTADIA - 01-07-05	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		CHK S. BOLASH 01-07-05	APVD M. WALMSLEY 01-07-05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME HEADER ASSY, UNIVERSAL, AMP-LATCH		
0 PLC ± -		PRODUCT SPEC 108-40018		
1 PLC ± -		APPLICATION SPEC		
2 PLC ± 0.13[.005]		SIZE A1		
3 PLC ± -		CAGE CODE 00779		
4 PLC ± -		DRAWING NO 5102162		
ANGLES ± -		RESTRICTED TO		
MATERIAL	FINISH	WEIGHT	SCALE 4:1	SHEET 1 OF 2
				REV E

- △ COORDINATE DIMENSION APPLIES FROM BASIC LOCATION.
- △ 8, 10 AND 14 POSITION SIZES CONTAIN ONLY ONE SLOT FOR SNAP-IN POLARIZER (MILITARY POLARIZATION) LOCATED AS SHOWN.
- △ 8 AND 10 POSITION SIZES CONTAIN ONLY ONE SLOT FOR DUAL POLARIZATION, LOCATED AS SHOWN.
- 4. RECOMMENDED PRINTED CIRCUIT BOARD THICKNESS IS 3.18 [.125].
- △ MATERIAL:
HOUSING: GLASS FILLED NYLON OR POLYESTER, UL94V-0 RATED, SEE TABLE FOR COLOR.
POSTS: BRASS
- △ FINISH:
POSTS: GOLD FLASH OVER PALLADIUM-NICKEL PLATE, 0.76μm[.000030] MIN TOTAL ON THE LOCALIZED PLATE AREA, 2.54μm[.000100] MIN TIN PLATE ON THE SOLDER-TAIL, 1.27μm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.
-OR-
0.76μm[.000030] MIN GOLD PLATE ON THE LOCALIZED PLATE AREA, 2.54μm[.000100] MIN TIN PLATE ON THE SOLDER-TAIL, 1.27μm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.
- △ DATUMS -M- & -N- TO BE ESTABLISHED BY CUSTOMER.

	BLUE	73.66 [2.900]	85.34 [3.360]	85.34 [3.360]	95.50 [3.760]	91.44 [3.600]	81.28 [3.200]	60	3-5102162-1
	BLUE	60.96 [2.400]	72.64 [2.860]	72.64 [2.860]	82.80 [3.260]	78.74 [3.100]	68.58 [2.700]	50	3-5102162-0
	BLUE	30.48 [1.200]	42.16 [1.660]	42.16 [1.660]	52.32 [2.060]	48.26 [1.900]	38.10 [1.500]	26	2-5102162-6
	BLUE	15.24 [.600]	26.92 [1.060]	26.92 [1.060]	37.08 [1.460]	33.02 [1.300]	22.86 [.900]	14	2-5102162-2
	BLUE	10.16 [.400]	21.84 [.860]	21.84 [.860]	32.00 [1.260]	27.94 [1.100]	17.78 [.700]	10	2-5102162-1
	BLACK	78.74 [3.100]	90.42 [3.560]	90.42 [3.560]	100.58 [3.960]	96.52 [3.800]	86.36 [3.400]	64	1-5102162-2
	BLACK	73.66 [2.900]	85.34 [3.360]	85.34 [3.360]	95.50 [3.760]	91.44 [3.600]	81.28 [3.200]	60	1-5102162-1
	BLACK	60.96 [2.400]	72.64 [2.860]	72.64 [2.860]	82.80 [3.260]	78.74 [3.100]	68.58 [2.700]	50	1-5102162-0
OBSOLETE	BLACK	48.26 [1.900]	59.94 [2.360]	59.94 [2.360]	70.10 [2.760]	66.04 [2.600]	55.88 [2.200]	40	5102162-9
	BLACK	40.64 [1.600]	52.32 [2.060]	52.32 [2.060]	62.48 [2.460]	58.42 [2.300]	48.26 [1.900]	34	5102162-8
	BLACK	35.56 [1.400]	47.24 [1.860]	47.24 [1.860]	57.40 [2.260]	53.34 [2.100]	43.18 [1.700]	30	5102162-7
OBSOLETE	BLACK	30.48 [1.200]	42.16 [1.660]	42.16 [1.660]	52.32 [2.060]	48.26 [1.900]	38.10 [1.500]	26	5102162-6
OBSOLETE	BLACK	27.94 [1.100]	39.62 [1.560]	39.62 [1.560]	49.78 [1.960]	45.72 [1.800]	35.56 [1.400]	24	5102162-5
OBSOLETE	BLACK	22.86 [.900]	34.54 [1.360]	34.54 [1.360]	44.70 [1.760]	40.64 [1.600]	30.48 [1.200]	20	5102162-4
OBSOLETE	BLACK	17.78 [.700]	29.46 [1.160]	29.46 [1.160]	39.62 [1.560]	35.56 [1.400]	25.40 [1.000]	16	5102162-3
OBSOLETE	BLACK	15.24 [.600]	26.92 [1.060]	26.92 [1.060]	37.08 [1.460]	33.02 [1.300]	22.86 [.900]	14	5102162-2
	BLACK	10.16 [.400]	21.84 [.860]	21.84 [.860]	32.00 [1.260]	27.94 [1.100]	17.78 [.700]	10	5102162-1
	HOUSING COLOR	F	E	D	C	B	A	NO OF POSN	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN G. ATTADIA - 01-07-05 DOKKS		Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. BOLASH 01-07-05	
0 PLC ± -		1 PLC ± -		NAME M. WALMSLEY	
2 PLC ± 0.13[.005]		3 PLC ± -		PRODUCT SPEC 108-40018	
4 PLC ± -		ANGLES ± -		APPLICATION SPEC	
MATERIAL -		FINISH -		SIZE CASE CODE DRAWING NO. A1 00779 5102162	
		WEIGHT -		RESTRICTED TO	
		CUSTOMER DRAWING		SCALE 1:1 SHEET 2 OF 2 REV E	