



SEE SHEET 2 FOR TABLE & NOTES

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN G. ATTADIA - 01-06-05	Tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: mm [INCHES]		CHK S. BOLASH 01-06-05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD M. WALMSLEY 01-06-05	NAME HEADER ASSY, UNIVERSAL, AMP-LATCH
0 PLC ± -		PRODUCT SPEC 108-40018	
1 PLC ± -		APPLICATION SPEC	SIZE A1
2 PLC ± 0.13[.005]		RESTRICTED TO	CAGE CODE 00779
3 PLC ± -		WEIGHT	DRAWING NO 5102160
4 PLC ± -		CUSTOMER DRAWING	SCALE 4:1
ANGLES ± -		SCALE 4:1	SHEET 1 OF 2
MATERIAL		FINISH	REV F

- 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].
- ④ MATERIAL:
HOUSING: GLASS FILLED NYLON OR POLYESTER, UL94V-0 RATED, SEE TABLE FOR COLOR.
POSTS: BRASS
- ⑤ 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.
- ⑥ DATUMS -M- & -N- TO BE ESTABLISHED BY CUSTOMER.

	BLUE	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	3-5102160-2
	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	3-5102160-1
OBSOLETE	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	3-5102160-0
OBSOLETE	BLUE	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	2-5102160-9
OBSOLETE	BLUE	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	2-5102160-8
	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	2-5102160-6
	BLUE	22.86 [.900]	34.54 [1.360]	34.54 [1.360]	44.70 [1.760]	40.64 [1.600]	30.48 [1.200]	20	2-5102160-4
OBSOLETE	BLUE	17.78 [.700]	29.46 [1.160]	29.46 [1.160]	39.62 [1.560]	35.56 [1.400]	25.40 [1.000]	16	2-5102160-3
	BLUE	15.24 [.600]	26.92 [1.060]	26.92 [1.060]	37.08 [1.460]	33.02 [1.300]	22.86 [.900]	14	2-5102160-2
	BLUE	10.16 [.400]	21.84 [.860]	21.84 [.860]	32.00 [1.260]	27.94 [1.100]	17.78 [.700]	10	2-5102160-1
	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	1-5102160-2
	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	1-5102160-1
	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	1-5102160-0
	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	5102160-9
	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	5102160-8
OBSOLETE	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	5102160-7
	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	5102160-6
	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	5102160-5
	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	5102160-4
	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	5102160-3
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	5102160-2
	BLACK	10.16 [.400]	21.84 [.860]	21.84 [.860]	32.00 [1.260]	27.94 [1.100]	17.78 [.700]	10	5102160-1
	HOUSING AND LATCHES COLOR	F	E	D	C	B	A	NO OF POSN	PART NUMBER

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DIMENSIONS: INCHES		000005	Harrisburg, PA 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVO M. WALMSLEY 01-06-05	NAME	
0 PLC ± -		PRODUCT SPEC		
1 PLC ± -		108-40018		
2 PLC ± 0.13[.005]		APPLICATION SPEC		
3 PLC ± -		SIZE		
4 PLC ± -		CASE CODE		
ANGLES ± -		DRAWING NO		
MATERIAL		RESTRICTED TO		
FINISH		WEIGHT		
⑤		A1 00779 5102160		
⑥		CUSTOMER DRAWING		
		SCALE 4:1 SHEET 2 OF 2 REV F		