



SEE SHEET 2 FOR TABLE & NOTES

VIEW S-S

RECOMMENDED PC BOARD MOUNTING DIMENSIONS SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN G. ATTADIA - 01-06-05	TE Connectivity
DIMENSIONS: mm [INCHES]		CHK S. BOLASH 01-06-05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D M. WALMSLEY 01-06-05	NAME
0 PLC ± -			HEADER ASSY, UNIVERSAL, AMP-LATCH
1 PLC ± -			PRODUCT SPEC
2 PLC ± 0.13[.005]			108-40018
3 PLC ± -			APPLICATION SPEC
4 PLC ± -			
ANGLES ± -			
MATERIAL	FINISH	SIZE	CAGE CODE
		A1	00779
		WEIGHT	DRAWING NO
			5102156
		CUSTOMER DRAWING	SCALE
			4:1
		SHEET	1 OF 2
		REV	D1

- 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 3.18 [.125].
- ⑤ MATERIAL:  
HOUSING: GLASS FILLED NYLON OR POLYESTER, UL94V-0 RATED, SEE TABLE FOR COLOR.  
POSTS: PH BRZ OR BRASS
- ⑥ FINISH:  
POSTS: GOLD FLASH OVER PALLADIUM-NICKEL PLATE, 0.76 $\mu$ m[.000030] MIN TOTAL ON THE LOCALIZED PLATE AREA, 2.54 $\mu$ m[.000100] MIN TIN PLATE ON THE SOLDER-TAIL, 1.27 $\mu$ m[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.  
-OR-  
0.76 $\mu$ m[.000030] MIN GOLD PLATE ON THE LOCALIZED PLATE AREA, 2.54 $\mu$ m[.000100] MIN TIN PLATE ON THE SOLDER-TAIL, 1.27 $\mu$ m[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.
- ⑦ DATUMS -M- & -N- TO BE ESTABLISHED BY CUSTOMER.

	BLUE	60.96 [2.400]	78.74 [3.100]	72.64 [2.860]	82.80 [3.260]	78.74 [3.100]	68.58 [2.700]	50	3-5102156-0
	BLUE	48.26 [1.900]	66.04 [2.600]	59.94 [2.360]	70.10 [2.760]	66.04 [2.600]	55.88 [2.200]	40	2-5102156-9
	BLUE	40.64 [1.600]	58.42 [2.300]	52.32 [2.060]	62.48 [2.460]	58.42 [2.300]	48.26 [1.900]	34	2-5102156-8
	BLUE	30.48 [1.200]	48.26 [1.900]	42.16 [1.660]	52.32 [2.060]	48.26 [1.900]	38.10 [1.500]	26	2-5102156-6
OBSOLETE	BLUE	22.86 [.900]	40.64 [1.600]	34.54 [1.360]	44.70 [1.760]	40.64 [1.600]	30.48 [1.200]	20	2-5102156-4
OBSOLETE	BLUE	17.78 [.700]	35.56 [1.400]	29.46 [1.160]	39.62 [1.560]	35.56 [1.400]	25.40 [1.000]	16	2-5102156-3
OBSOLETE	BLUE	10.16 [.400]	27.94 [1.100]	21.84 [.860]	32.00 [1.260]	27.94 [1.100]	17.78 [.700]	10	2-5102156-1
	BLACK	78.74 [3.100]	96.52 [3.800]	90.42 [3.560]	100.58 [3.960]	96.52 [3.800]	86.36 [3.400]	64	1-5102156-2
	BLACK	73.66 [2.900]	91.44 [3.600]	85.34 [3.360]	95.50 [3.760]	91.44 [3.600]	81.28 [3.200]	60	1-5102156-1
	BLACK	60.96 [2.400]	78.74 [3.100]	72.64 [2.860]	82.80 [3.260]	78.74 [3.100]	68.58 [2.700]	50	1-5102156-0
	BLACK	48.26 [1.900]	66.04 [2.600]	59.94 [2.360]	70.10 [2.760]	66.04 [2.600]	55.88 [2.200]	40	5102156-9
	BLACK	40.64 [1.600]	58.42 [2.300]	52.32 [2.060]	62.48 [2.460]	58.42 [2.300]	48.26 [1.900]	34	5102156-8
	BLACK	35.56 [1.400]	53.34 [2.100]	47.24 [1.860]	57.40 [2.260]	53.34 [2.100]	43.18 [1.700]	30	5102156-7
	BLACK	30.48 [1.200]	48.26 [1.900]	42.16 [1.660]	52.32 [2.060]	48.26 [1.900]	38.10 [1.500]	26	5102156-6
	BLACK	27.94 [1.100]	45.72 [1.800]	39.62 [1.560]	49.78 [1.960]	45.72 [1.800]	35.56 [1.400]	24	5102156-5
	BLACK	22.86 [.900]	40.64 [1.600]	34.54 [1.360]	44.70 [1.760]	40.64 [1.600]	30.48 [1.200]	20	5102156-4
	BLACK	17.78 [.700]	35.56 [1.400]	29.46 [1.160]	39.62 [1.560]	35.56 [1.400]	25.40 [1.000]	16	5102156-3
	BLACK	15.24 [.600]	33.02 [1.300]	26.92 [1.060]	37.08 [1.460]	33.02 [1.300]	22.86 [.900]	14	5102156-2
	BLACK	10.16 [.400]	27.94 [1.100]	21.84 [.860]	32.00 [1.260]	27.94 [1.100]	17.78 [.700]	10	5102156-1
HOUSING COLOR		F	E	D	C	B	A	NO OF POSN	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN G. ATTADIA - 01-06-05 CIRK S. DOCKES 01-06-05		TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. WALMSLEY 01-06-05 NAME	
0 PLC ± - 1 PLC ± - 2 PLC ± 0.13[.005] 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC APPLICATION SPEC		PRODUCT SPEC APPLICATION SPEC	
MATERIAL ⑤ FINISH ⑥		WEIGHT -		SIZE A1 CAGE CODE 00779 DRAWING NO. 5102156 RESTRICTED TO	
CUSTOMER DRAWING		SCALE 4:1		SHEET 2 OF 2 REV D1	