



SEE SHEET 2 FOR TABLE & NOTES

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN G. ATTADIA - 01-06-05		STE TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPROVED: M. WALMSLEY 01-06-05 NAME	
0 PLC	± -	1 PLC		PRODUCT SPEC	
1 PLC	± -	2 PLC		108-40018	
2 PLC	± 0.13[.005]	3 PLC		APPLICATION SPEC	
3 PLC	± -	4 PLC		SIZE CASE CODE DRAWING NO	
4 PLC	± -	ANGLES		A1 00779 C=5102154	
MATERIAL	FINISH	WEIGHT		RESTRICTED TO	
				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 1.57 [.062]
- ⑤ MATERIAL:
HOUSING: GLASS FILLED NYLON OR POLYESTER, UL94V-0 RATED, SEE TABLE FOR COLOR.
POSTS: PHOS BRONZE OR BRASS
- ⑥ FINISH:
POSTS: GOLD FLASH OVER PALLADIUM-NICKEL PLATE, 0.76 μ m[.000030] MIN TOTAL ON THE LOCALIZED PLATE AREA, 2.54 μ m[.000100] MIN TIN PLATE ON THE TAIL, 1.27 μ m[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.
-OR-
0.76 μ m[.000030] MIN GOLD PLATE ON THE LOCALIZED PLATE AREA, 2.54 μ m[.000100] MIN TIN PLATE ON THE TAIL, 1.27 μ m[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.
⑦ DATUMS -M- & -N- TO BE ESTABLISHED BY CUSTOMER.

OBSOLETE	BLACK	53.34 [2.100]	71.12 [2.800]	65.02 [2.560]	75.18 [2.960]	71.12 [2.800]	60.96 [2.400]	44	3-5102154-3
OBSOLETE	BLUE	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	3-5102154-2
OBSOLETE	BLUE	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	3-5102154-1
	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	3-5102154-0
	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	2-5102154-9
OBSOLETE	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	2-5102154-8
	BLUE	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	2-5102154-7
	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	2-5102154-6
	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	2-5102154-4
	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	2-5102154-3
	BLUE	15.24 [.600]	33.02 [1.300]	26.92 [1.060]	37.08 [1.460]	33.02 [1.300]	22.86 [.900]	14	2-5102154-2
	BLUE	10.16 [.400]	27.94 [1.100]	21.84 [.860]	32.00 [1.260]	27.94 [1.100]	17.78 [.700]	10	2-5102154-1
OBSOLETE	BLACK	53.34 [2.100]	71.12 [2.800]	65.02 [2.560]	75.18 [2.960]	71.12 [2.800]	60.96 [2.400]	44	1-5102154-3
	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	1-5102154-2
	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	1-5102154-1
	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	1-5102154-0
	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	5102154-9
	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	5102154-8
	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	5102154-7
	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	5102154-6
	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	5102154-5
	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	5102154-4
	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	5102154-3
	BLACK	15.24 [.600]	33.02 [1.300]	26.92 [1.060]	37.08 [1.460]	33.02 [1.300]	22.86 [.900]	14	5102154-2
	BLACK	10.16 [.400]	27.94 [1.100]	21.84 [.860]	32.00 [1.260]	27.94 [1.100]	17.78 [.700]	10	5102154-1
HOUSING COLOR		F	E	D	C	B	A	NO OF POSN	PART NUMBER

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DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APPROVED: M. WALMSLEY	DATE: 01-06-05
0 PLC ± -	1 PLC ± -	2 PLC ± 0.13[.005]	3 PLC ± -
4 PLC ± -	ANGLES ± -	NAME: M. WALMSLEY	DATE: 01-06-05
MATERIAL: -	FINISH: -	PRODUCT SPEC: 108-40018	APPLICATION SPEC: -
WEIGHT: -		SIZE: A1	CAGE CODE: 00779
CUSTOMER DRAWING		DRAWING NO: 5102154	RESTRICTED TO: -
SCALE: -		SHEET: 2 OF 2	REV: D1

STE TE Connectivity