LOC | DIST
GP | 00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	D1	REVISED PER ECO-11-004835	11MAR11	RK	HMR

–Y–
–W–

2.54 [.100] TYP
3.81 [.150]
4.19 [.165] /3\ TYP
4.83 [.190] 2 PLC

6.43±0.25 TYP [.253±.010]
8.53 [.336] TYP
8.00 [.315] TYP

T
T

3.81 [.150] /1\
/1\ /2\ 1.27 [.050]

A
B ±0.25 [±.010]
C ±0.25 [±.010]

–X–

⊕ 0.38[.015] Ⓜ Z X
AT POST TIPS

0.64±0.03 [.025±.001] TYP

HOUSING
POST, TYP

6.10 TYP [.240]
2.54 [.100] TYP

Ø 0.64±0.05 [.025±.002] TYP

⊕ Ø 0.38[.015] Ⓜ Z X W Ⓢ
AT POST TIPS

2.72 [.107] TYP
7.34 [.289]

2.79±0.25 TYP [.110±.010] SOLDER TAIL

SEE DETAIL V

SECTION T-T

POSN NO 1 INDICATOR

0.64±0.03 [.025±.001] TYP
⊕ 0.38[.015] Ⓜ Z X Y
AT POST TIPS

Ø2.44 ±0.08 [.096±.003] 2 PLC

AMP
®Ⓤ

13.94±0.20 [.549±.008] TYP

2.74±0.15 [.108±.006] 2 PLC

–Z–

S   S

4.95 [.195] 2 PLC

D ±0.25 [±.010]

DETAIL V
SCALE 10:1

5.08 MIN [.200] TYP
3.81 MIN [.150] TYP
GOLD FLASH TYP
LOCALIZED PLATE AREA
1.27 [.050] MAX TYP
GOLD FLASH TYP

Ø2.54 [.100] 2 PLC
3.73 [.147] 2 PLC
1.57 [.062] TYP
8.89 [.350]

VIEW S-S

/7\ –M–
–N– /7\

(E)
(F)

2.54 [.100] TYP
Ø2.69 [.106] 2 PLC
⊕ Ø0.08 [.003] Ⓢ M N

2.54 [.100]
1.52 [.060]
8.89 [.350] 2 PLC
POS NO 1
Ø 0.89±0.08 [.035±.003] TYP
⊕ Ø0.08 [.003] Ⓢ M N

RECOMMENDED
PC BOARD MOUNTING DIMENSIONS
SCALE 2:1

SEE SHEET 2 FOR TABLE & NOTES

LOC	DIST	REVISIONS			
GP	00				
		P LTR	DESCRIPTION	DATE	DWN APVD
		–	SEE SHEET 1	–	– –

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—O RATED, SEE TABLE FOR COLOR.
POSTS: PHOS BRONZE OR BRASS

6. 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 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 TAIL, 1.27μm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.

7. DATUMS —M— & —N— TO BE ESTABLISHED BY CUSTOMER.

	HOUSING COLOR	F	E	D	C	B	A	NO OF POSN	PART NUMBER
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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±– 1 PLC ±– 2 PLC ± 0.13[.005] 3 PLC ±– 4 PLC ±– ANGLES ±–

DWN G. ATTADIA – DOCK5 01-06-05
CHK S. BOLASH 01-06-05
APVD M. WALMSLEY 01-06-05

≡TE   TE Connectivity

NAME HEADER ASSY, UNIVERSAL, AMP—LATCH

PRODUCT SPEC 108-40018
APPLICATION SPEC –

MATERIAL – FINISH – WEIGHT –

SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO
A1	00779	C–5102154		–

CUSTOMER DRAWING   SCALE –   SHEET 2 OF 2   REV D1

4805 (3/11)

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