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LOC

DIST

AA00

REVISIONS					
F	LTR	DESCRIPTION	DATE	DWN	APVD
F1		ECR-14-016571	4NOV2014	CW	SH

15.75±0.25
[.620±.010]

6.64±0.25
[.262±.010]
12 PLACES

4.08±0.25 [.161±0.010]

1.19±0.25
[.047±.010]
12 PLACES

3.05±0.25 [.120±0.010]

5.28 ±0.25
[.208±.010]
2 PLACES

2.54
[.100]
16 PLACES

4.32
[.170]
16 PLACES

9.15
[.360]
16 PLACES

10.15
[.400]
2 PLACES

4.13
[.163]
2 PLACES

3.44 ±0.25
[.135±.010]
2 PLACES

3.18
[.125]
2 PLACES

DIM "A"
TYPICAL

RED FOR 1-5406552-3
YELLOW FOR 5406552-8
AND 2-5406552-0
ORANGE FOR 5406552-7

ORANGE

GREEN

GREEN

BI-COLOR LED CURRENT DIAGRAM

64.77±0.25
[2.550±.010]

63.75±0.25
[2.510±.010]

0.97 [.038]

13.97
[.550]

0.51
[.020]

13.35±0.25
[.525±.010]

7.87
[.310]
2 PLACES

OF ASSEMBLY

(0.12 [.005])
Panel cutout to bottom of shell

LED POSITION 2

LED POSITION 1

AMP

AMP

AMP

AMP

13.40 [.528]

13.35 [.525]

2.60 [.102]

0.06±0.10 [.002±0.004]
Standoff to bottom of shell

LED CURRENT DIAGRAM
5406552-9 ONLY

GREEN FOR 1-5406552-6
YELLOW FOR 1-5406552-8

RED

GREEN

RED

BICOLOR LED CURRENT DIAGRAM

1 MATERIAL:
HOUSING – HIGH TEMPERATURE THERMOPLASTIC,
BLACK, UL94V-0.
TERMINALS – 0.36[.014] THICK PHOS BRONZE
PLATED WITH 3.81µm[.000150] MINIMUM THICK
MATTE TIN IN SOLDER AREA. 1.27µm
[.000050] MINIMUM GOLD IN LOCALIZED PLATE
AREA. ENTIRE TERMINAL PLATED WITH 1.27µm
[.000050] MINIMUM THICK NICKEL.
SHIELD – 0.196[.0077] THICK COPPER ZINC ALLOY
PREPLATED WITH 1.27µm[.000050] MINIMUM SATIN
NICKEL WITH 2.03µm[.000080] MINIMUM TIN
POST DIPPED ON PCB GROUND TABS.
LIGHT EMITTING DIODE (LED) – DIFFUSED EPOXY
LENS, 0.51 x 0.51[.020 x .020] CARBON STEEL
WIREFRAME LEADS PREPLATED WITH 8.89 µm THICK
Sn/Cu OVER 2.03 µm THICK Ag OVER 1.02 µm
THICK Cu OVER 3.56 µm THICK Ni OVER 1.02 µm
THICK Cu UNDERPLATE

2. JACK CAVITY CONFORMS TO FCC RULES AND
REGULATIIONS PART 68, SUBPART F.

SUGGESTED PANEL OPENING DIMENSIONS.

SUGGESTED CLEARANCE BETWEEN TOP OF CONNECTOR
AND TOP PANEL OPENING.

SEE TABLE FOR COLOR OF LEDS AND NUMBER
REQUIRED.

6. THIS MODULAR JACK WITH INTEGRATED LED IS NOT
IR REFLOW SOLDERING PROCESS COMPATIBLE.

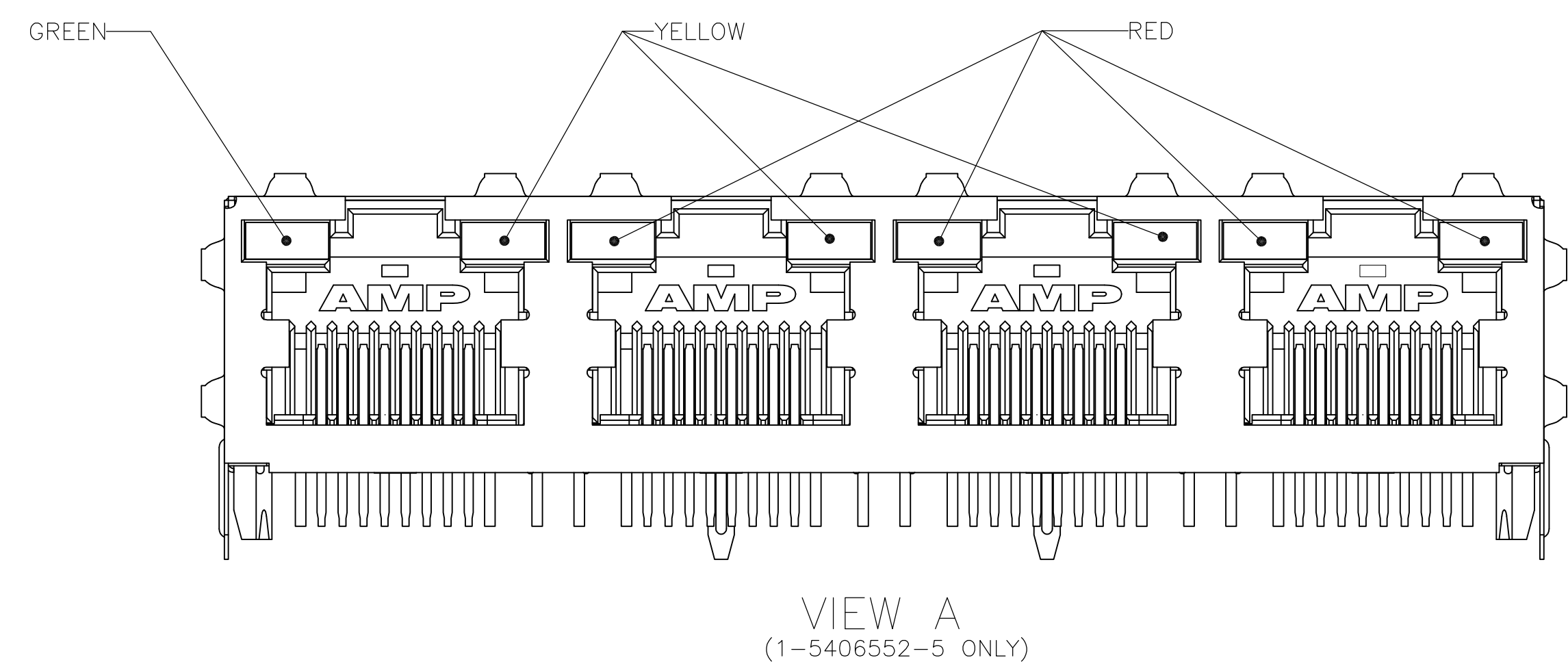
CONTACT AREA LUBRICATED WITH BELLCORE APPROVED
LUBRICANT. TECHNICAL REFERENCE GR-1217-CORE,
ISSUE 1. NOVEMBER 1995. ONLY FOR 1-5406552-7

THE PART IS PRELIMINARY

OBsolete PARTS: OBSOLETE CIS STREAMLINING
PER D.RENAUD/D.SINISI

8	7	6	5	4	3	2	1
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15.75±0.25 [.620±.010]		6.64±0.25 [.262±.010] 12 PLACES		4.08±0.25 [.161±0.010]		1.19±0.25 [.047±.010] 12 PLACES	
3.05±0.25 [.120±0.010]		5.28 ±0.25 [.208±.010] 2 PLACES		2.54 [.100] 16 PLACES		4.32 [.170] 16 PLACES	
9.15 [.360] 16 PLACES		10.15 [.400] 2 PLACES		4.13 [.163] 2 PLACES		3.44 ±0.25 [.135±.010] 2 PLACES	
3.18 [.125] 2 PLACES		DIM "A" TYPICAL					
RED FOR 1-5406552-3 YELLOW FOR 5406552-8 AND 2-5406552-0 ORANGE FOR 5406552-7							
ORANGE		GREEN		GREEN			
BI-COLOR LED CURRENT DIAGRAM							
64.77±0.25 [2.550±.010]		63.75±0.25 [2.510±.010]		0.97 [.038]		13.97 [.550]	
0.51 [.020]		13.35±0.25 [.525±.010]		7.87 [.310] 2 PLACES		OF ASSEMBLY	
(0.12 [.005]) Panel cutout to bottom of shell							
LED POSITION 2		LED POSITION 1					
13.40 [.528]		13.35 [.525]		2.60 [.102]		0.06±0.10 [.002±0.004] Standoff to bottom of shell	
8		13.2		GREEN/YELLOW		GREEN/YELLOW	
13.2		GREEN/YELLOW		GREEN/YELLOW		2-5406552-1	
1.46		RED/GREEN		RED/GREEN		2-5406552-0	
1.00		RED/YELLOW		RED/YELLOW		1-5406552-9	
1.00		GREEN		RED/GREEN		1-5406552-8	
1.00		-		GREEN		1-5406552-7	
1.26		RED/GREEN		RED/GREEN		1-5406552-6	
1.00		SEE VIEW A (SHEET 2)		SEE VIEW A (SHEET 2)		1-5406552-5	
1.00		RED		GREEN		1-5406552-4	
1.00		GREEN/RED		GREEN/RED		1-5406552-3	
1.20		GREEN		GREEN		1-5406552-1	
1.00		GREEN/ORANGE		YELLOW		5406552-9	
1.00		GREEN/YELLOW		GREEN/YELLOW		5406552-8	
1.00		GREEN/ORANGE		GREEN/ORANGE		5406552-7	
1.00		YELLOW		YELLOW		5406552-6	
1.00		GREEN		GREEN		5406552-5	
1.00		GREEN		YELLOW		5406552-4	
1.00		YELLOW		-		5406552-3	
1.00		-		GREEN		5406552-2	
1.00		YELLOW		GREEN		5406552-1	
DIM A		POSITION 2		POSITION 1		PART NUMBER	
SOLDERTAIL LENGTH		INDICATOR COLOR FOR EACH HOUSING					
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN T. SPRINKLE/L.A. MAYER CHK J. WESTMAN APVD S. FLICKINGER		TE Connectivity		INVERTED MODULAR JACK ASSEMBLY, 1X4, SHIELDED, PANEL GROUND, WITH LED	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		SIZE	
0 PLC ± -		1 PLC ± -		108-1163-4		CAGE CODE	
1 PLC ± -		2 PLC ± 0.25(.01)		114-2154		DRAWING NO	
2 PLC ± -		3 PLC ± 0.13(.005)		114-2154		RESTRICTED TO	
3 PLC ± -		4 PLC ± -		114-2154		REV	
4 PLC ± -		ANGLES		114-2154		F1	
MATERIAL SEE NOTE 1		FINISH SEE NOTE 1		WEIGHT -		CUSTOMER DRAWING	
				SCALE 4:1		SHEET 1 OF 2	

4805 (3/11)



VIEW A
(1-5406552-5 ONLY)

4805 (3/11)