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LOC

DIST

AA00

REV

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

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

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

ORANGE

GREEN

GREEN

YELLOW

BI-COLOR LED CURRENT DIAGRAM

LED CURRENT DIAGRAM
5406552-9 ONLY

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

GREEN

RED

RED

BICOLOR LED CURRENT DIAGRAM

13.40 [.528]

13.35 [.525]

2.60 [.102]

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

8

1.62

YELLOW

GREEN

2-5406552-1

8

1.32

GREEN/YELLOW

GREEN/YELLOW

2-5406552-0

8

1.46

RED/GREEN

RED/GREEN

1-5406552-9

8

1.00

RED/YELLOW

RED/GREEN

1-5406552-8

8

1.00

GREEN

-

1-5406552-7

8

1.26

RED/GREEN

RED/GREEN

1-5406552-6

8

1.00

SEE VIEW A (SHEET 2)

SEE VIEW A (SHEET 2)

1-5406552-5

8

1.00

RED

GREEN

1-5406552-4

8

1.00

GREEN/RED

GREEN/RED

1-5406552-3

8

1.20

GREEN

GREEN

1-5406552-1

8

1.00

GREEN/ORANGE

YELLOW

5406552-9

8

1.00

GREEN/YELLOW

GREEN/YELLOW

5406552-8

8

1.00

GREEN/ORANGE

GREEN/ORANGE

5406552-7

9

1.00

YELLOW

YELLOW

5406552-6

9

1.00

GREEN

GREEN

5406552-5

9

1.00

GREEN

YELLOW

5406552-4

9

1.00

YELLOW

-

5406552-3

9

1.00

-

GREEN

5406552-2

9

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

10MAY2005
10MAY2005

DIMENSIONS:

mm

0 PLC ± -

1 PLC ± -

2 PLC ± 0.25(.01)

3 PLC ± 0.13(.005)

4 PLC ± -

ANGLES ± -

TOLERANCES UNLESS OTHERWISE SPECIFIED:

SEE NOTE 1

MATERIAL

SEE NOTE 1

FINISH

SEE NOTE 1

WEIGHT

-

CUSTOMER DRAWING

NAME

INVERTED MODULAR JACK ASSEMBLY,
1X4, SHIELDED,
PANEL GROUND, WITH LED

SIZE

A1

CAGE CODE

00779

DRAWING NO

5406552

RESTRICTED TO

-

SCALE

4:1

SHEET

1

OF

2

REV

F1

TE Connectivity

TE

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.

8 SUGGESTED PANEL OPENING DIMENSIONS.

8 SUGGESTED CLEARANCE BETWEEN TOP OF CONNECTOR
AND TOP PANEL OPENING.

8 SEE TABLE FOR COLOR OF LEDS AND NUMBER
REQUIRED.

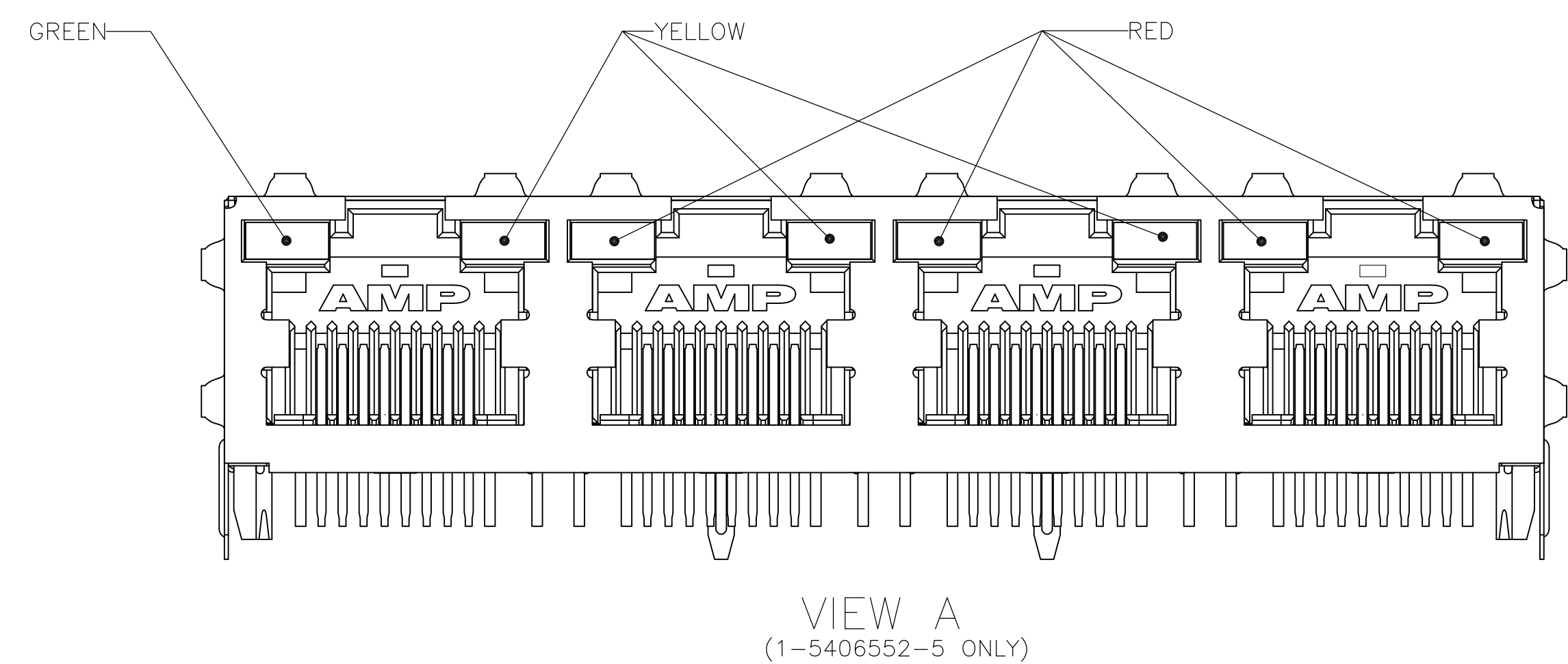
6. THIS MODULAR JACK WITH INTEGRATED LED IS NOT
IR REFLOW SOLDERING PROCESS COMPATIBLE.

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

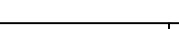
8 THE PART IS PRELIMINARY

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

4805 (3/11)



VIEW A
(1-5406552-5 ONLY)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN 10MAY2005 T. SPRINKLE/L.A.MAYER CHK 10MAY2005 J. WESTMAN S. FLICKINGER APD 10MAY2005		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± 0.25 [0] 2 PLC ± 0.13 [0.05] 4 PLC ± - ANGLES ± -		NAME INVERTED MODULAR JACK ASSEMBLY, 1x4, SHIELDED, PANEL GROUND, WITH LED	
MATERIAL SEE NOTE 1		FINISH SEE NOTE 1		PRODUCT SPEC 108-1163-4 APPLICATION SPEC 114-2154	
		WEIGHT -		SIZE A1	
				GAGE CODE 00779	
				DRAWING NO 5406552	
				RESTRICTED TO -	
CUSTOMER DRAWING		SCALE 4:1		SHEET 2 OF 2	
				REV F1	

Mouser Electronics

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[TE Connectivity:](#)

[1-5406552-7](#)