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LOC

DIST

GP

00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	L	REVISED PER ECO-14-011808	12AUG2014	AP	SB

10° TYP

24.66
[.971]

12.55±0.38
[.494±.015]

7.90
[.311]

33.32
[1.312]

39.14±0.38
[1.541±.015]

FRONT INSERT

AMP

15 14 13 12 11 10 9

8 7 6 5 4 3 2 1

MATING FACE

AMP, PART NO AND DATE CODE MARKED IN AREA INDICATED, ON FAR SIDE

17.68±0.38
[.696±.015]

4-40, CLINCH NUT

4-40 HOLE

0.64 SQUARE
[.025] 15 PLC

2.74±0.25
[.108±.010] TYP

7.06±0.38
[.278±.015]

A +0.76
-0.38
[+.030
-.015] TYP

33.32
[1.312]

2.74
[.108] TYP

7.06
[.278]

3.05 DIA
[.120] 2 HOLES

2.84
[.112] TYP

1.42
[.056] TYP

1.19 DIA
[.047] 15 HOLES

1.37
[.054]

RECOMMENDED PC BOARD MOUNTING DIMENSIONS

1

HOUSING: GLASS-FILLED PBT OR GLASS-FILLED NYLON, UL94V-0 RATED. COLOR: BLACK.
CONTACTS: PHOSPHOR BRONZE
SHELLS: CARBON STEEL
CLINCH NUT: CARBON STEEL

2

GOLD FLASH FOR LENGTH OF 2.54 [.100] MIN FROM MATING END, 2.54µm [.000100] MIN TIN OR TIN-LEAD FOR A LENGTH OF DIMENSION A FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL.

3

0.76µm [.000030] MIN GOLD FOR LENGTH OF 2.54 [.100] MIN FROM MATING END, 2.54µm [.000100] MIN TIN OR TIN-LEAD FOR A LENGTH OF DIMENSION A FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL.
-OR-
GOLD FLASH OVER PALLADIUM-NICKEL, 0.76µm [.000030] MIN TOTAL, FOR A LENGTH OF 2.54 [.100] MIN FROM MATING END, 2.54µm [.000100] MIN TIN OR TIN-LEAD FOR A LENGTH OF DIMENSION A FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL.

4

SHELLS: 5.08µm [.000200] MIN TIN OVER 2.54µm [.000100] MIN COPPER
CLINCH NUT: ZINC

FRONT SHELL

6.17
[.243]

0.76±0.25
[.030±.010]

1.27±0.51
[.050±.020]

REAR SHELL

REAR INSERT

CONTACT 15 PLC

2.84±0.25
[.112±.010] TYP

SUPSD BY 745820-1	4.78 [.188]	2	745820-8
OBSOLETE	4.78 [.188]	3	745820-7
OBSOLETE	16.54 [.651]	2	745820-6
OBSOLETE	16.54 [.651]	3	745820-5
SUPSD BY 745820-1	10.85 [.427]	2	745820-4
SUPSD BY 745820-1	10.85 [.427]	3	745820-3
	3.18 [.125]	2	745820-2
	3.18 [.125]	3	745820-1
	DIMENSION A	CONTACT FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

J.McCLINTON

12-05-89

CHK

R.STONE

02-01-90

APVD

C. ROHDE

2-02-90

PRODUCT SPEC

108-40025

APPLICATION SPEC

114-40013

WEIGHT

-

CUSTOMER DRAWING

DIMENSIONS:

mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± 0.13 [.005]

3 PLC ± -

4 PLC ± -

ANGLES ± 2°

FINISH 1

MATERIAL 1

CONTACTS: SEE TABLE

NAME

RECEPTACLE ASSEMBLY, SIZE 2, 15 POSN, VERTICAL, FRONT METAL SHELL, AMPLIMITE® HD-20

SIZE

A2

CAGE CODE

00779

DRAWING NO

C-745820

RESTRICTED TO

-

SCALE

NTS

SHEET

1 OF 1

REV

L

1471-9 (3/11)

745820

B

A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[745820-1](#)