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LOC

DIST

GP00

REVISONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	J	REVISED PER ECO-06-028338	11/DEC/06	ZMR	EDB
	J1	REVISED PER ECO-09-021826	07JAN10	KK	AEG

10° TYP

25.25
[.994]

AMP

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15

4-40 INSERT

2 PLC

8.36
[.329]

33.32
[1.312]

39.14±0.38
[1.541±.015]

MATING FACE

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

5.84±0.15
[.230±.006] TYP

1.91±0.25
[.075±.010] TYP

7.06±0.38
[.278±.015]

2.74±0.25 TYP
[.108±.010]

Ø OF 4-40 HOLE

3.05 DIA
[.120] 2 HOLES

RECOMMENDED PC BOARD MOUNTING DIMENSIONS

2.84
[.112] TYP

7.06
[.278]

2.74
[.108] TYP

1.42
[.056] TYP

1.37
[.054]

1.04 DIA
[.041] 15 HOLES

1

HOUSING: BLACK POLYESTER, UL 94V-0 RATED;
CONTACTS: BRASS
INSERTS: BRASS

2

GOLD PLATED FOR LENGTH OF 3.81 [.150] MIN FROM MATING END, GOLD FLASH IN MATED AREA, 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

GOLD PLATED FOR LENGTH OF 3.81 [.150] MIN FROM MATING END, 0.76µm [.000030] MIN GOLD IN MATED AREA, 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 FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, 0.76µm [.000030] MIN PALLADIUM NICKEL IN MATED AREA, 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

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

10.41±0.38
[.410±.015]

12.09±0.38
[.476±.015]

10.41±0.38
[.410±.015]

2.84±0.25
[.112±.010] TYP

HOUSING

CONTACT 15 PLC

0.66 DIA TYP
[.026]

OBSELETE

6.35 [.250]

3

745052-6

OBSELETE

6.35 [.250]

2

745052-5

OBSELETE

4.32 [.170]

3

745052-4

OBSELETE

4.32 [.170]

2

745052-3

3.18 [.125]

3

745052-2

4

OBSELETE

3.18 [.125]

2

745052-1

DIMENSION A

CONTACT FINISH

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

J McCLINTON

11-15-89

CHK

R.STONE

2-1-90

APVD

C. ROHDE

2-2-90

1

2

3

4

PLC

± -

± -

± 0.13 [.005]

± -

± -

± -

± -

FINISH

CONTACTS: SEE TABLE

108-40025

APPLICATION SPEC

—

WEIGHT

—

CUSTOMER DRAWING

tyco

Electronics

Tyco Electronics Corporation

Harrisburg, PA 17105-3608

NAME

PLUG ASSEMBLY, SIZE 2,
15 POSN, VERTICAL,
AMPLIMITE® HD-20

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=745052

RESTRICTED TO

—

SCALE

NTS

SHEET

1 OF 1

REV

J1

AMP 1471-9 REV 31MAR2000

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[745052-2](#)