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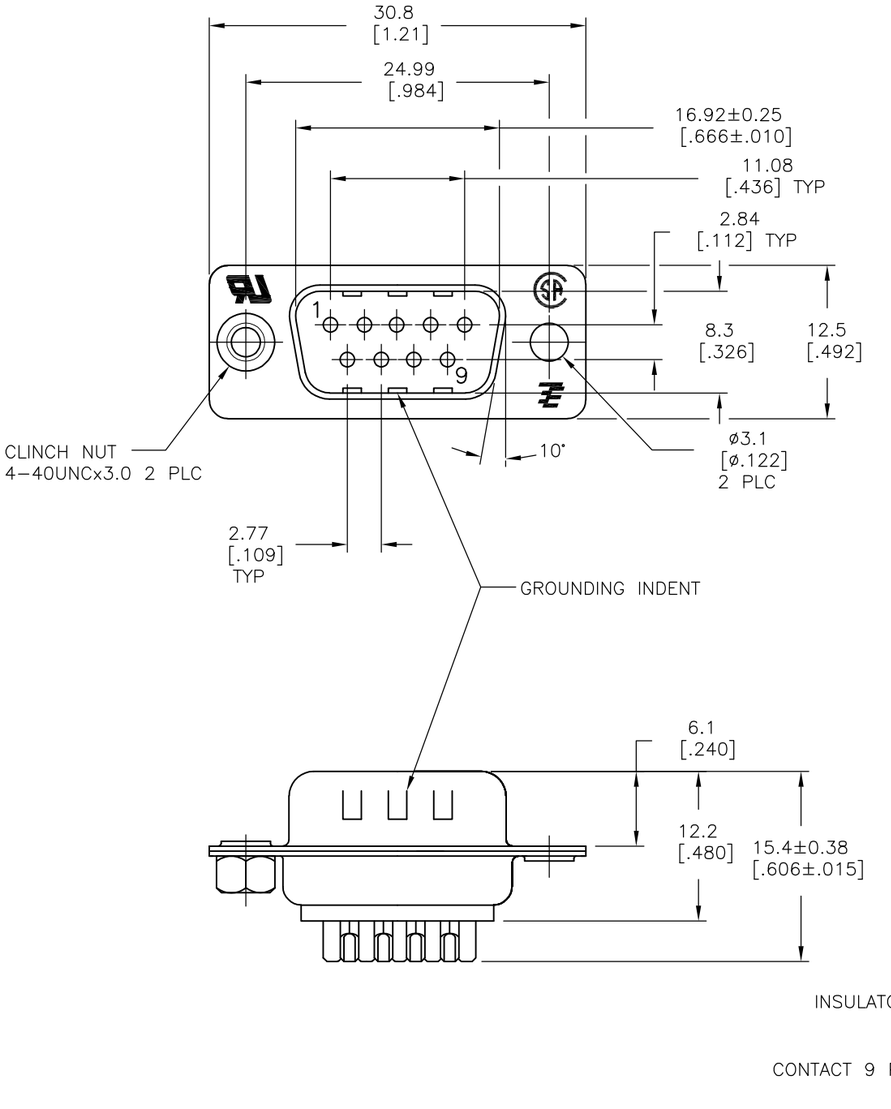
LOC	DIST
BD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	U1	REVISED PER ECO–09–013374	04JUN09	HMR	JO



1. MATERIAL:
FRONT INSULATOR: PBT, 30 %GF, UL94V–0, BLACK COLOR
BACK INSULATOR: PBT, 30 %GF, UL94V–0, BLACK COLOR
CONTACT: BRASS
FRONT SHELL: STEEL
BACK SHELL: STEEL
CLINCH NUTS: BRASS

2. FINISH:
CONTACT: GOLD PLATING 0.00002[.0000008] MIN ON CONTACT AREA 0.00229 [.000090] MIN TIN–LEAD PLATING ALL OVER 0.00127[.000050] MIN NICKEL

3. CONTACT: GOLD PLATING 0.00076[.000030] MIN ON CONTACT AREA 0.00229 [.000090] MIN TIN–LEAD PLATING ALL OVER 0.00127[.000050] MIN NICKEL

4. SHELL: TIN 0.0241[.000095] MIN FULL SHELL

5. SHELL: BLUE ZINC: 0.00508[.000200] – 0.00762[.000300] OVER ENTIRE SHELL

6. CONTACT: GOLD PLATING 0.00002[.0000008] MIN ON CONTACT AREA 0.00229 [.000090] MIN TIN–COPPER PLATING ALL OVER 0.00127[.000050] MIN NICKEL

7. CLINCH NUTS: NICKEL PLATING .00305–.00508[.000120–.000200]

8. SPECIFICATION
ELECTRICAL CHARACTERISTICS: CURRENT RATING: 3 AMPERES
DIELECTRIC WITHSTANDING VOLTAGE: AC 1000V r.m.s
INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM AT DC 500V
CONTACT RESISTANCE: 10 MILLIOHMS MAXIMUM.

9. ROHS 2002/95/EC/COMPLIANT

10. PLUG ASSEMBLY MATES WITH ANY 9 POSITION RECEPTACLE IN AMPLIMITE SERIES.

11. SOLDER CUP WILL ACCOMODATE 20 AWG MAX WIRE

12. CONTACT: GOLD PLATING 0.00076[.000030] MIN ON CONTACT AREA 0.00229[.000090] MIN TIN–COPPER ALL OVER 0.00127[.000050] MIN NICKEL PLATING

	PACKAGING TYPE	7 CLINCH NUTS	GROUNDING INDENTS	CONTACTS	SHELLS	PART NO.
	9 STANDARD	NO	NO	6	5	5–747904–4
	9 STANDARD	YES	YES	6	4	5–747904–8
	9 STANDARD	NO	YES	12	4	5–747904–5
	9 STANDARD	NO	YES	6	4	5–747904–2
SUPERSEDED TO 5–747904–2	9 STANDARD	NO	YES	6	4	747904–9
SUPERSEDED TO 5–747904–8	STANDARD	YES	YES	2	4	747904–8
SUPERSEDED TO 5–747904–5	STANDARD	NO	YES	3	4	747904–5
SUPERSEDED TO 5–747904–4	STANDARD	NO	NO	2	5	747904–4
SUPERSEDED TO 5–747904–2	STANDARD	NO	YES	2	4	747904–2

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.25
2 PLC ± 0.13
3 PLC ± 0.05
4 PLC ± –
ANGLES ± 4°

MATERIAL 1

FINISH SEE TABLE

DWN M.BINNER 03MAR03
CHK R.BENDORF 05MAR03
APVD R.BENDORF 05MAR03
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105–3608

NAME
PLUG ASSY, SOLDER CUP, SIZE 1,
9 POSN, HD–20, AMPLIMITE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C–747904	—

CUSTOMER DRAWING

SCALE	SHEET	REV
2:1	1 OF 1	U1