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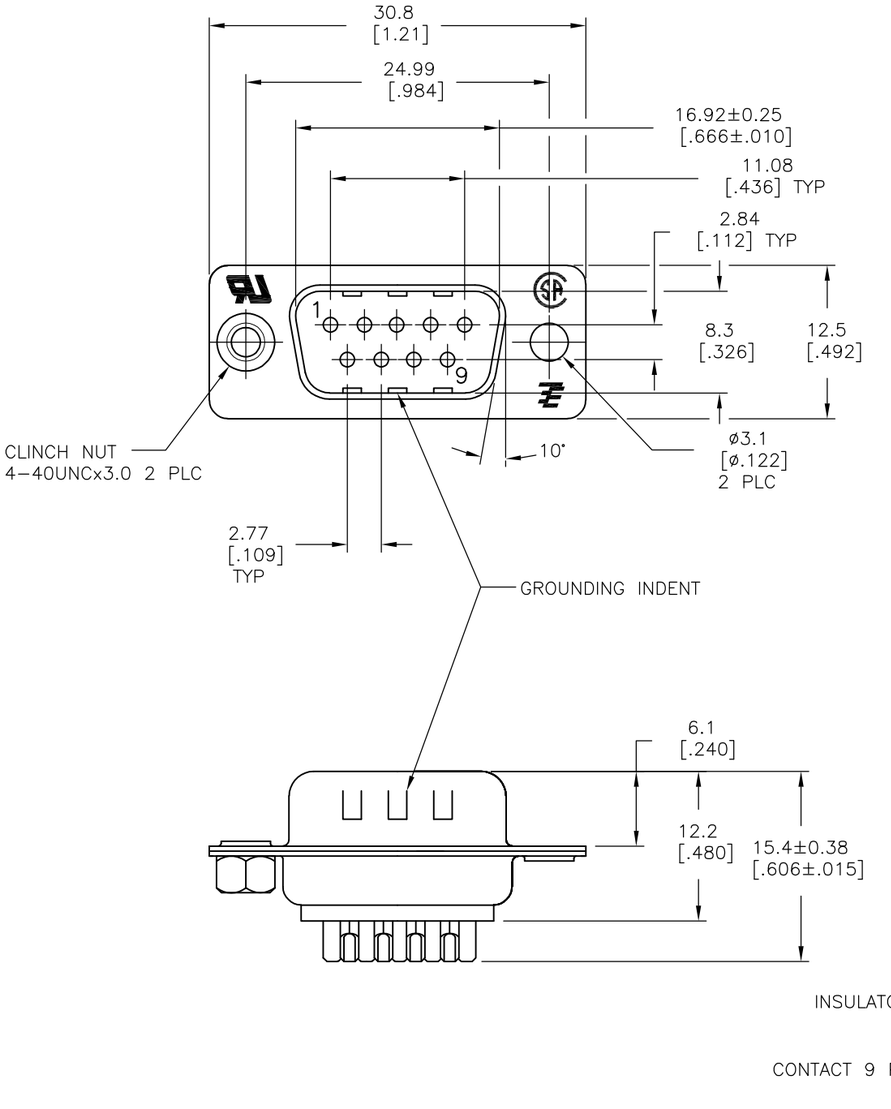
LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	Y	REVISED PER ECO-14-002311	17FEB2014	BM	DG



1. MATERIAL:
FRONT INSULATOR: PBT, 30 %GF, UL94V-0, BLACK COLOR
BACK INSULATOR: PBT, 30 %GF, UL94V-0, BLACK COLOR
CONTACT: BRASS
FRONT & 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: BRIGHT 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 HOT DIPPED 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 HOT DIPPED 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	4	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
9 OBSOLETE	STANDARD	NO	YES	6	4	747904-9
OBSOLETE	STANDARD	YES	YES	2	4	747904-8
OBSOLETE	STANDARD	NO	YES	3	4	747904-5
OBSOLETE	STANDARD	NO	NO	2	5	747904-4
OBSOLETE	STANDARD	NO	YES	2	4	747904-2

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

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 —

TE Connectivity

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 2:1 | SHEET 1 OF 1 | REV Y