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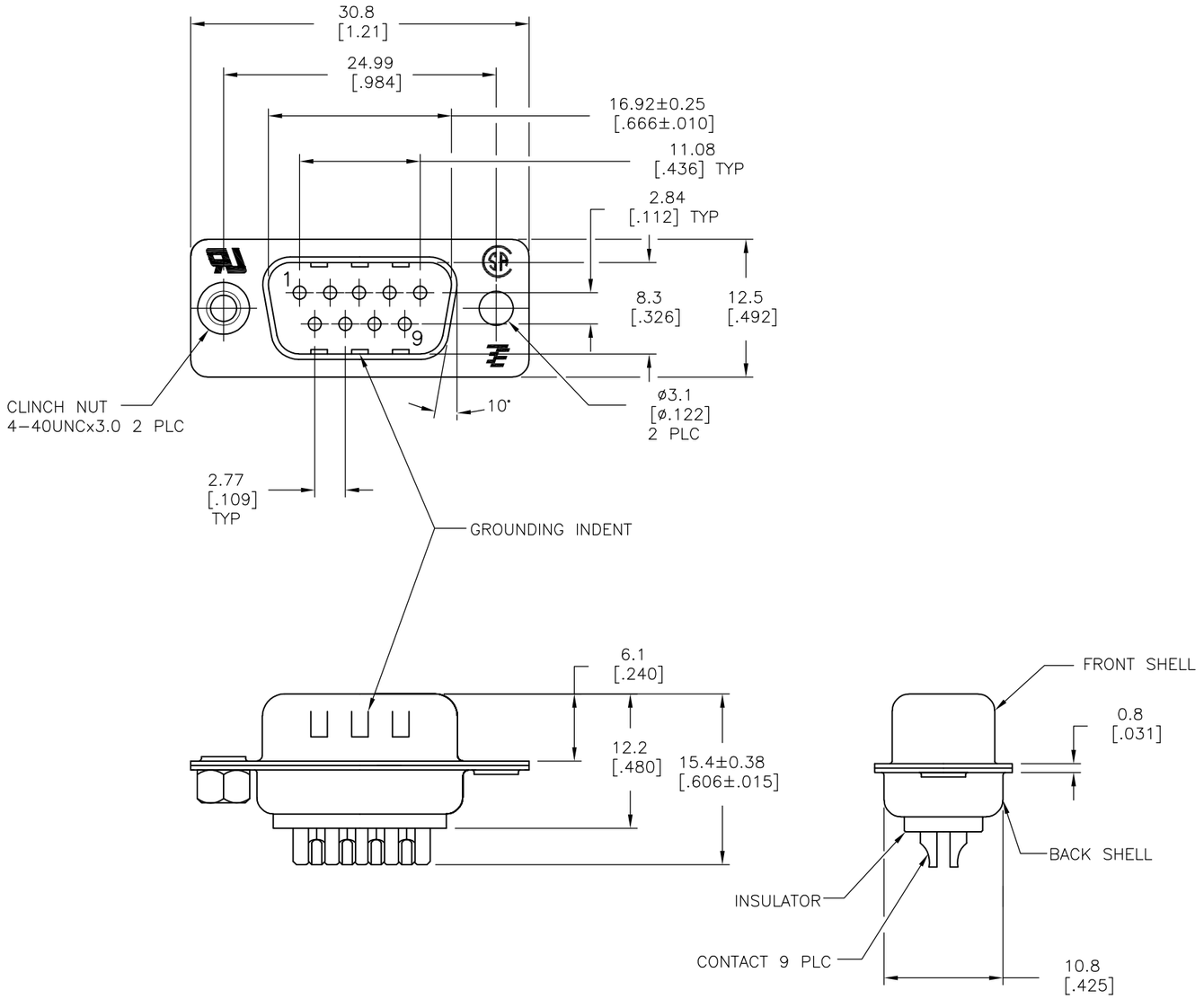

LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	AA	REVISED PER ECO–15–010090	16JUL2015	AP	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 0.00241[.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

△9	PACKAGING TYPE	△7 CLINCH NUTS	GROUNDING INDENTS	CONTACTS	SHELLS	PART NO.
△9 OBSOLETE	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 AA