

D

C

B

A

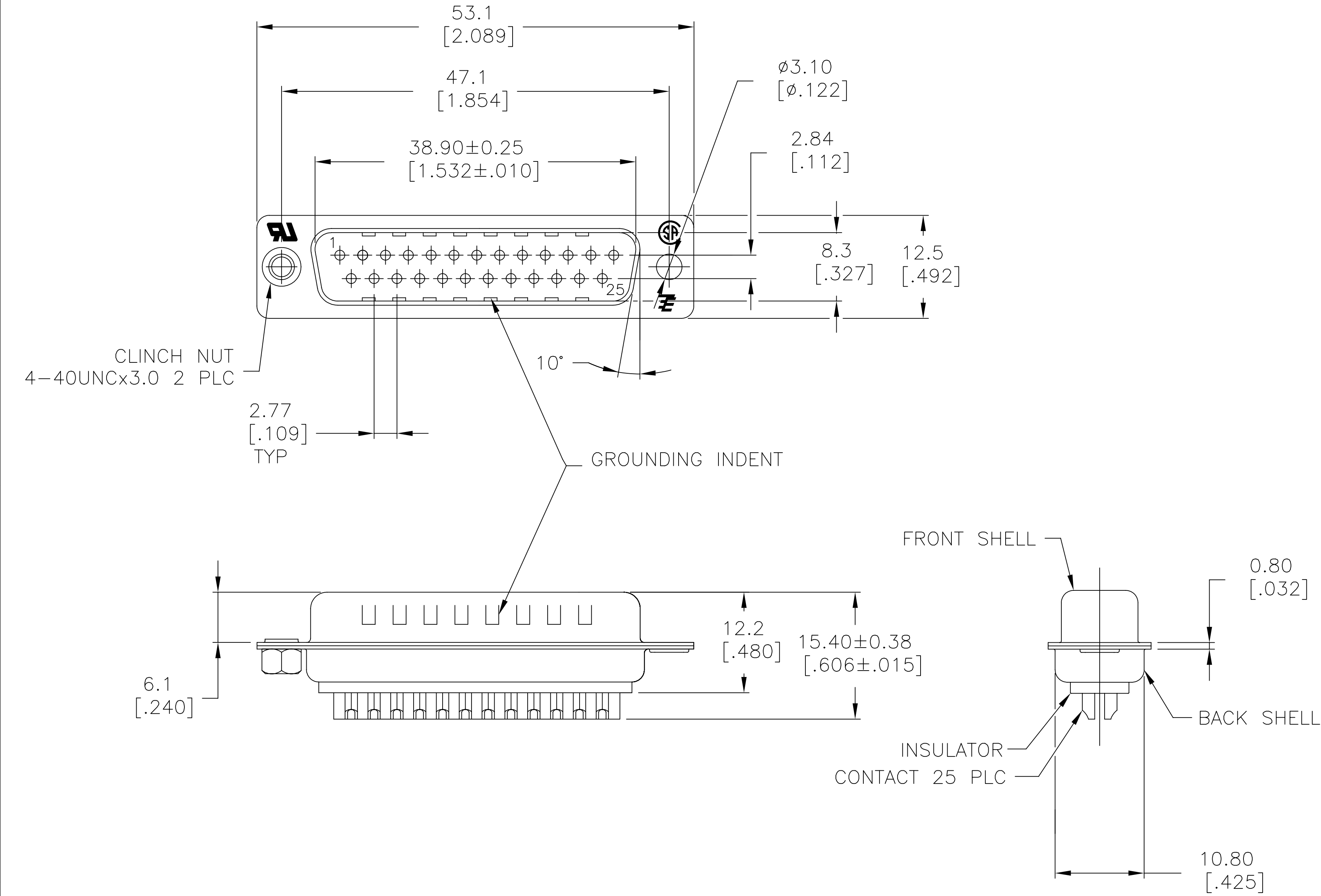
3

2

1

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	Y1	REVISED PER ECN-26-381559	24DEC2025	AP	SKN

- 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: 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 25 POSITION RECEPTACLE IN AMPLIMITE SERIES
SOLDER CUP WILL ACCOMMODATE 20 MAX AWG WIRE.
- 11
- CONTACT: GOLD PLATING 0.00076[.000030] MIN OR GOLD FLASH OVER PALLADIUM
NICKEL PLATE, 0.00076[.000030] MIN ON CONTACT AREA 0.00229[.000090] MIN
HOT DIPPED TIN-COPPER ALL OVER 0.00127[.000050] MIN NICKEL PLATING



A	9	STANDARD	NO	NO	6	4	5-747912-4
	9	STANDARD	YES	YES	6	4	5-747912-7
	9	STANDARD	NO	YES	11	4	5-747912-5
	9	STANDARD	NO	YES	6	4	5-747912-2
	OBSOLETE	STANDARD	NO	YES	6	4	747912-8
	OBSOLETE	STANDARD	YES	YES	2	4	747912-7
	OBSOLETE	STANDARD	NO	YES	3	4	747912-5
	OBSOLETE	STANDARD	NO	NO	2	5	747912-4
	OBSOLETE	STANDARD	NO	YES	2	4	747912-2
		PACKAGING TYPE	CLINCH NUTS	GROUNDING INDENTS	CONTACTS	SHELLS	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN M.BINNER 03MAR03	TE Connectivity			
DIMENSIONS: mm [INCHES]		CHK R.BENDORF 05MAR03				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD R.BENDORF 05MAR03	NAME PLUG ASSEMBLY, SOLDER CUP, SIZE 3, 25 POSN, HD-20, AMPLIMITE			
0 PLC ± - 1 PLC ± 0.25 2 PLC ± 0.13 3 PLC ± 0.05 4 PLC ± - ANGLES ± 4°		PRODUCT SPEC	-			
MATERIAL		APPLICATION SPEC	-			
1		WEIGHT 0.000000	SIZE A2	CAGE CODE 00779	DRAWING NO C=747912	RESTRICTED TO -
SEE TABLE		CUSTOMER DRAWING	SCALE 2:1	SHEET 1 of 1	REV Y1	