

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		Y	REVISED PER ECO-15-010090	16JUL2015	AP	DG

D

D

C

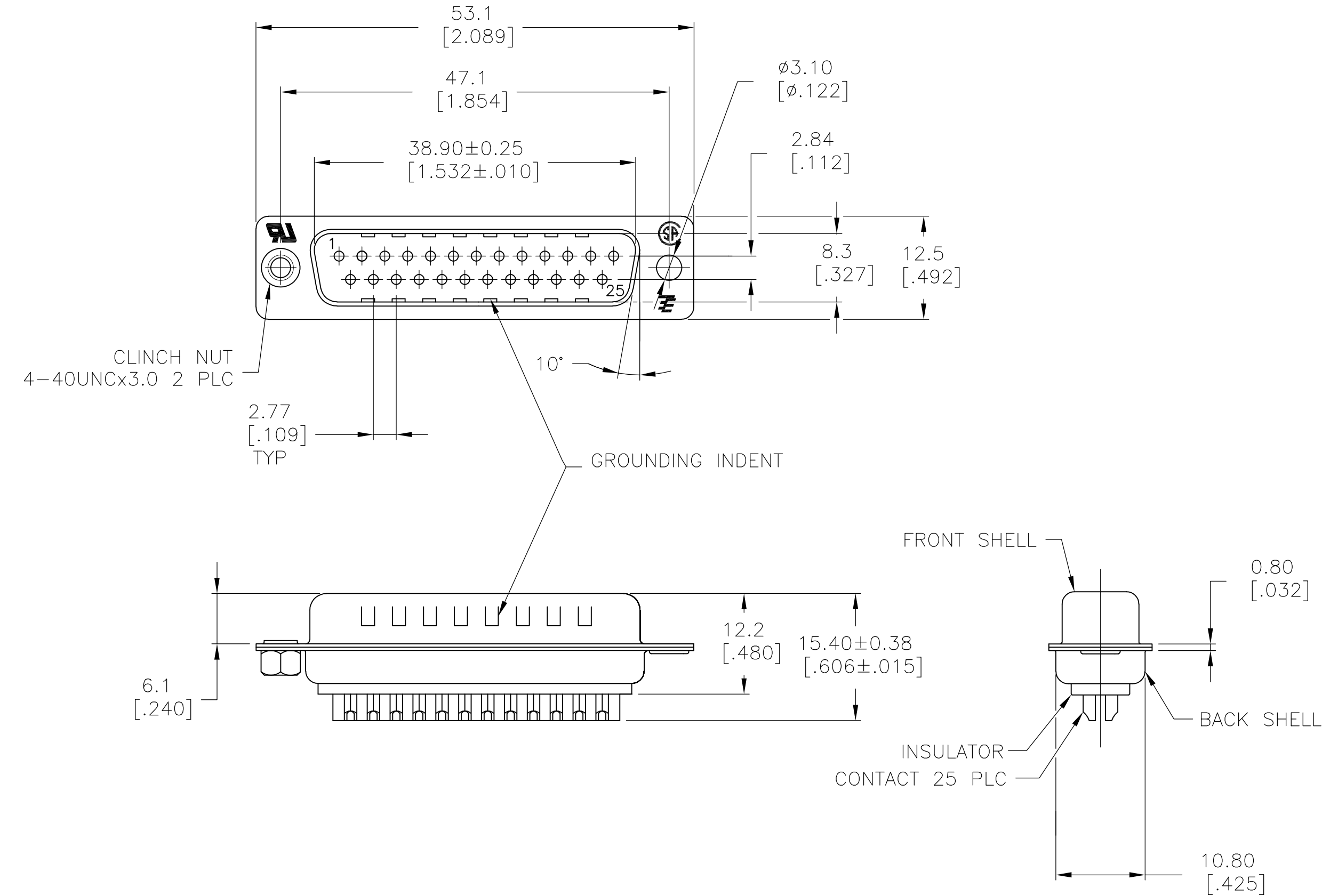
C

B

B

A

A



- 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 ON CONTACT AREA 0.00229[.000090] MIN HOT DIPPED TIN-COPPER ALL OVER 0.00127[.000050] MIN NICKEL PLATING

9	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 TE Connectivity			
DIMENSIONS: mm [INCHES]		CHK R.BENDORF 05MAR03				
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± 0.25 2 PLC ± 0.13 3 PLC ± 0.05 4 PLC ± - ANGLES ± 4°		APVD R.BENDORF 05MAR03	NAME PLUG ASSEMBLY, SOLDER CUP, SIZE 3, 25 POSN, HD-20, AMPLIMITE			
		PRODUCT SPEC	-			
MATERIAL 1		APPLICATION SPEC	-			
FINISH SEE TABLE		WEIGHT -	SIZE A2	CAGE CODE 00779	DRAWING NO C-747912	RESTRICTED TO -
CUSTOMER DRAWING		SCALE 2:1	SHEET 1 of 1	REV Y		

747912