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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	H	REVISED AS PER ECR-26-275997.	10APR2026	KSD	SKN

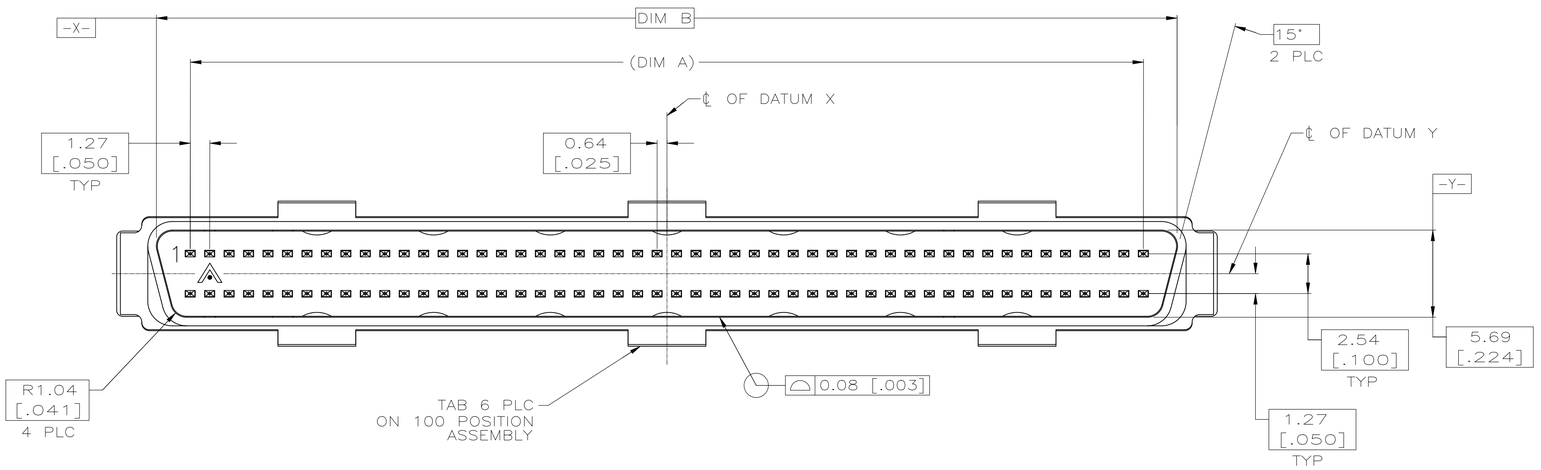
1 MATERIAL
HOUSING: NYLON OR POLYESTER, UL 94V-0 RATED, COLOR BLACK.
CONTACTS: PHOSPHOR BRONZE.
SHELL: CARBON STEEL.

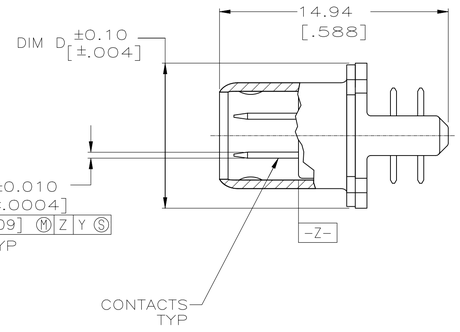
2 FINISH
CONTACTS: 0.76µm [.000030] MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, 0.76µm [.000030] MIN TOTAL FOR A LENGTH OF 3.35 [.132] MIN FROM MATING END, 3.00µm [.000118] MIN TIN ON OPPOSITE END, ALL OVER 1.27µm [.000050] MIN NICKEL ON ENTIRE CONTACT.
(H) SHELL: 2.54µm [.000100] MIN BRIGHT TIN OVER 1.27µm [.000050] MIN NICKEL OVER 1.27µm [.000050] MIN COPPER.

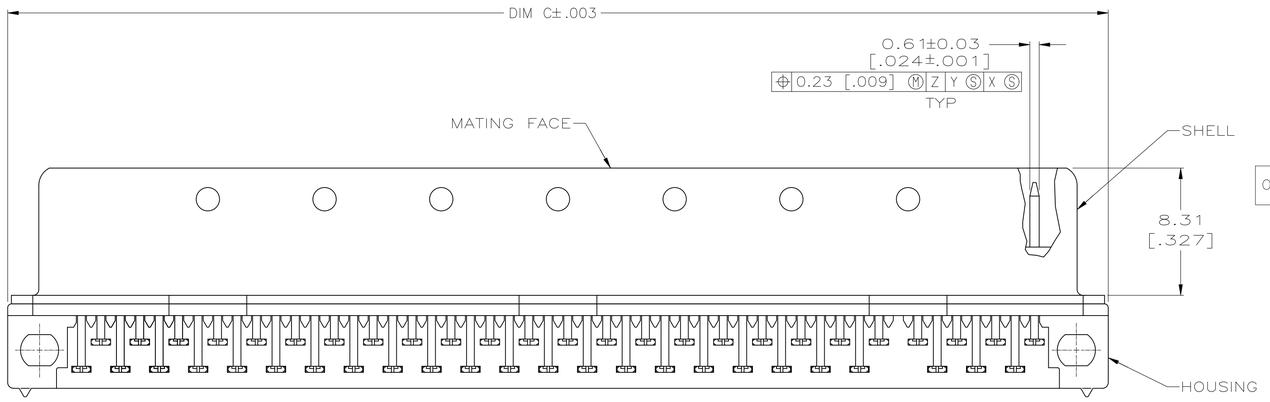
3. RECOMMENDED WIRE: 28 AWG OR 30 AWG, SOLID OR 7 STRAND, PVC INSULATION WITH A 0.74-0.91 [.029-.036] INSULATION DIAMETER.

4 FINISH
CONTACTS: 0.76µm [.000030] MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, 0.76µm [.000030] MIN TOTAL FOR A LENGTH OF 3.35 [.132] MIN FROM MATING END, 3.00µm [.000118] MIN TIN ON OPPOSITE END, ALL OVER 1.27µm [.000050] MIN NICKEL ON ENTIRE CONTACT.
SHELL: 5.08µm [.000200] MIN BRIGHT TIN OVER 1.27µm [.000050] MIN NICKEL OVER 2.54µm [.000100] MIN COPPER.

5 FINISH
CONTACTS: 0.76µm [.000030] MIN GOLD PLATE FOR A LENGTH OF 3.35 [.132] MIN FROM MATING END, 3.00µm [.000118] MIN TIN ON OPPOSITE END, ALL OVER 1.27µm [.000050] MIN NICKEL ON ENTIRE CONTACT.
SHELL: 5.08µm [.000200] MIN BRIGHT TIN OVER 1.27µm [.000050] MIN NICKEL OVER 2.54µm [.000100] MIN COPPER.







	NOTES	DIM D	DIM C	DIM B	DIM A	NO OF POS	PART NUMBER
OBSOLETE	5	7.44 [.293]	51.54 [2.029]	46.28 [1.822]	41.91 [1.650]	68	~~5749109-9~~
	2	9.47 [.373]	84.56 [3.329]	79.30 [3.122]	74.93 [2.950]	120	~~5749109-8~~
	2	9.47 [.373]	71.86 [2.829]	66.60 [2.622]	62.23 [2.450]	100	5749109-7
	2	9.47 [.373]	59.16 [2.329]	53.90 [2.122]	49.53 [1.950]	80	5749109-6
	2	7.44 [.293]	51.54 [2.029]	46.28 [1.822]	41.91 [1.650]	68	5749109-5
	4	7.44 [.293]	51.54 [2.029]	46.28 [1.822]	41.91 [1.650]	68	5749109-4
	2	7.44 [.293]	33.76 [1.329]	28.50 [1.122]	24.13 [.950]	40	5749109-3
	2	7.44 [.293]	26.14 [1.029]	20.88 [.822]	16.51 [.650]	28	5749109-2
	2	7.44 [.293]	21.06 [.829]	15.80 [.622]	11.43 [.450]	20	5749109-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.13 [.005]
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL 1
FINISH SEE TABLE

DWN J.GERACE 11APR05
CHK S.SHUEY 11APR05
APVD M.WALMSLEY 11APR05
PRODUCT SPEC 108-1228
APPLICATION SPEC 114-40029
WEIGHT –

TE Connectivity

NAME PLUG SUBASSEMBLY, 1.25[.050] SERIES, AMPLIMITE –

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-5749109 | RESTRICTED TO –

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 1 | REV H

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