

LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
			G	REVISED PER ECO-14-018700			17DEC2014	AP	SB

- 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.
SHELL: 0.25µm [.000010] MIN TIN-NICKEL OVER 3.81µm [.000150] MIN NICKEL OVER 2.54µm [.000100] MIN COPPER.
3.

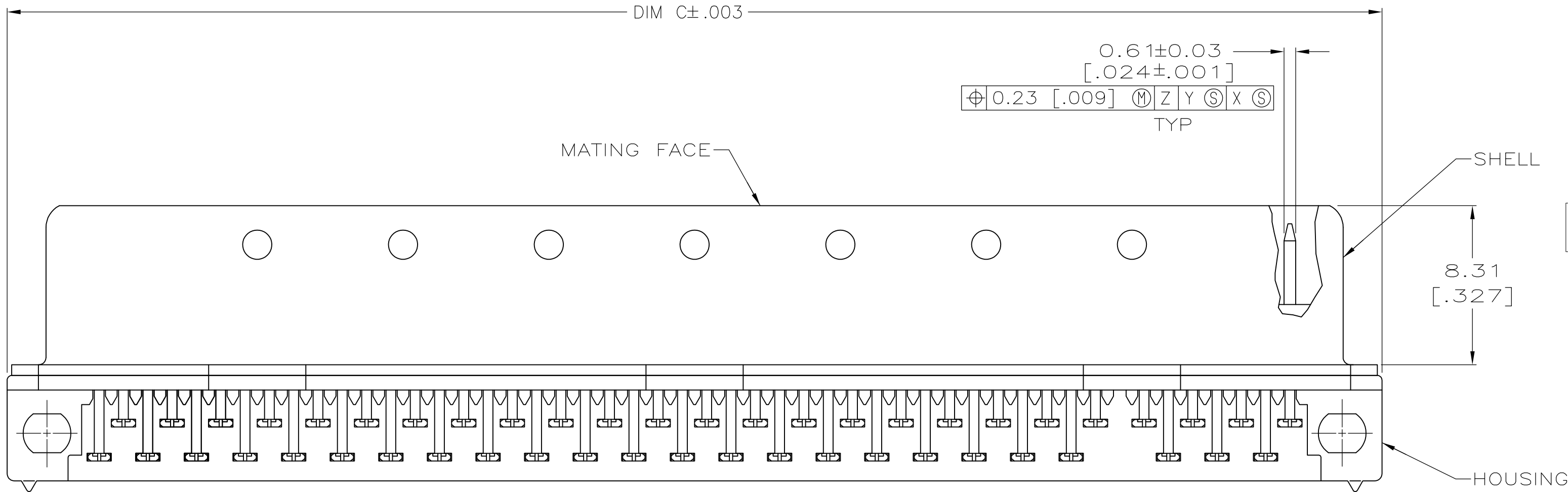
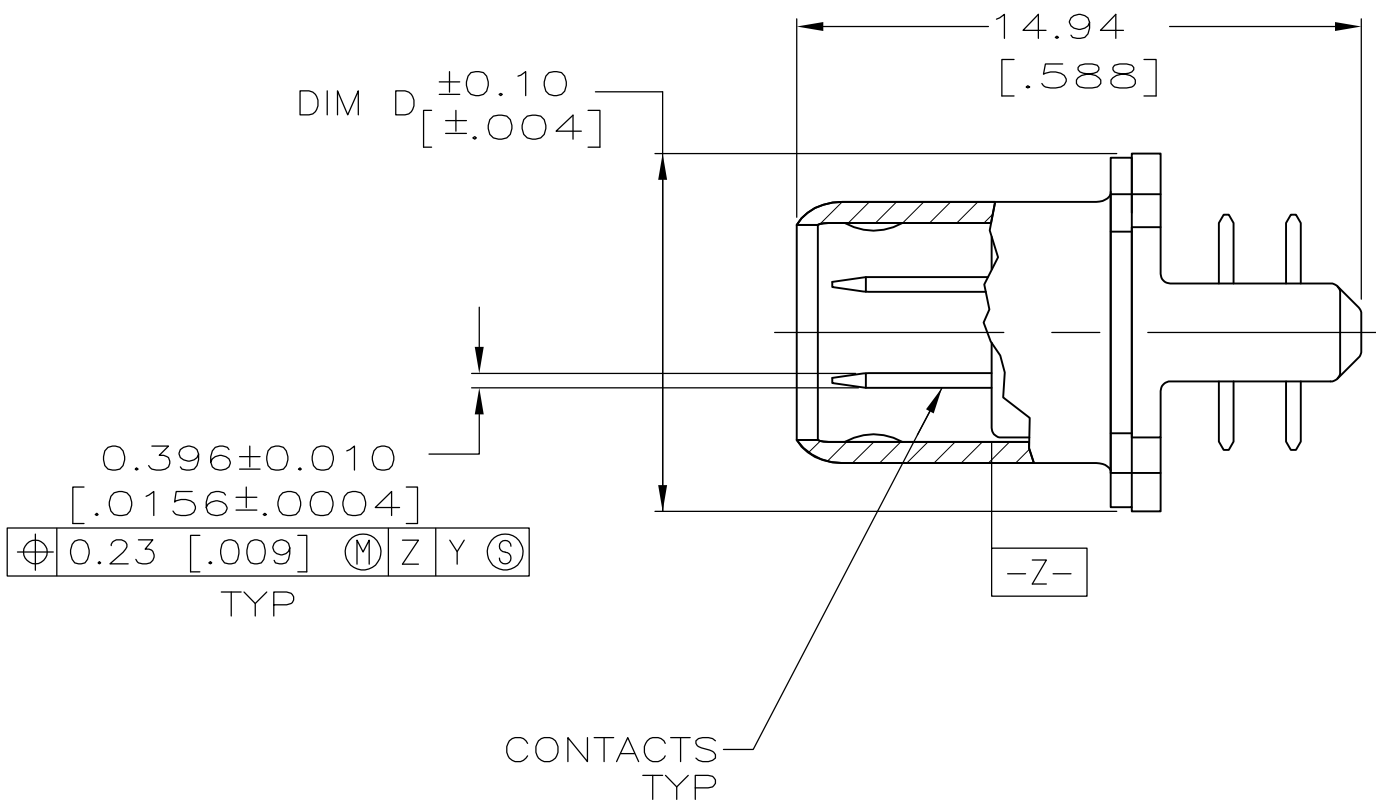
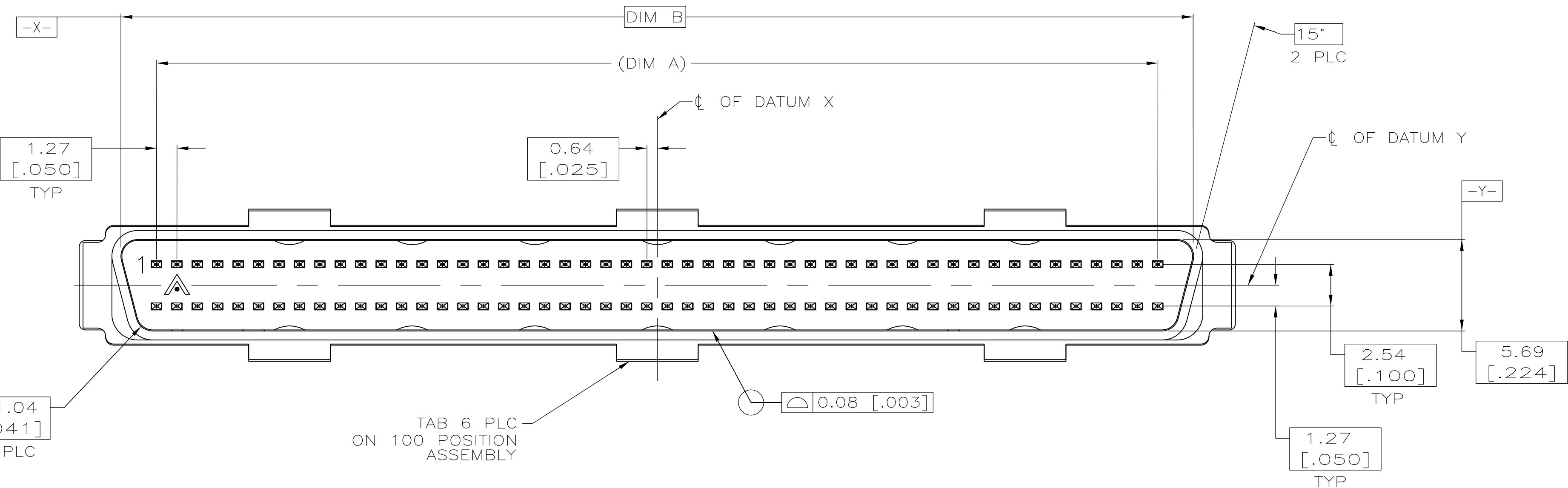
RECOMMENDED WIRE: 28 AWG OR 30 AWG, SOLID OR 7 STRAND, PVC INSULATION WITH A 0.74-0.91 [.029-.036] INSULATION DIAMETER.
- 4

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.



OBSOLETE	1	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
	2	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
NOTES		DIM D		DIM C		DIM B		DIM A		NO OF POS	PART NUMBER

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

DWN J. GERACE 11APROS

CHK S. SHUEY 11APROS

APVD M. WALMSLEY 11APROS

NAME

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

PLUG SUBASSEMBLY, 1.25[.050] SERIES, AMPLIMATE

SIZE CAGE CODE DRAWING NO

RESTRICTED TO

SCALE 5:1 SHEET 1 OF 1 REV