



- △ HOUSING AND TERMINATION COVERS: THERMOPLASTIC, UL94V-0 RATED, COLOR BLACK.  
SHELL: STEEL.  
PIN CONTACTS: PHOSPHOR BRONZE.
- △ 0.00254-0.00762[.000100-.000300] TIN-NICKEL OVER 0.00381-0.00508  
[.000150-.000200] NICKEL OVER 0.00254[.000100] MIN COPPER.
- △ 0.00508-0.01016[.000200-.000400] TIN OVER 0.00127-0.00254[.000050-.000100]  
COPPER. LUBRICATED AFTER PLATING.
- △ 0.00076[.000030] MIN GOLD ON MATING AREA, 0.00152[.000060] MIN TIN ON  
TERMINATION AREA, ALL OVER 0.00127[.000050] MIN NICKEL ON ENTIRE CONTACT.
- △ 0.00076[.000030] MIN GOLD ON MATING AREA, 0.00254[.000100] MIN TIN ON  
TERMINATION AREA, ALL OVER 0.00127[.000050] MIN NICKEL ON ENTIRE CONTACT.
- 6. RECOMMENDED WIRE: 28 AWG OR 30 AWG, SOLID OR 7 STRAND, WITH A 0.74-0.91[.029-.036]  
INSULATION DIAMETER. WIRE MUST BE APPROVED BY TYCO ELECTRONICS.

SUPERCEDED BY 5749621-9	9.47 [.373]	71.86 [2.829]	66.60 [2.622]	62.23 [2.450]	49	△5	△2	100	1-5749621-8
	7.44 [.293]	40.11 [1.579]	34.85 [1.372]	30.48 [1.200]	24	△5	△2	50	1-5749621-7
SUPERCEDED BY 5749621-7	7.44 [.293]	51.54 [2.029]	46.28 [1.822]	41.91 [1.650]	33	△4	△3	68	1-5749621-6
	9.47 [.373]	84.56 [3.329]	79.30 [3.122]	74.93 [2.950]	59	△4	△2	120	1-5749621-0
	9.47 [.373]	71.86 [2.829]	66.60 [2.622]	62.23 [2.450]	49	△4	△2	100	5749621-9
	9.47 [.373]	59.16 [2.329]	53.90 [2.122]	49.53 [1.950]	39	△4	△2	80	5749621-8
	7.44 [.293]	51.54 [2.029]	46.28 [1.822]	41.91 [1.650]	33	△4	△2	68	5749621-7
	7.44 [.293]	40.11 [1.579]	34.85 [1.372]	30.48 [1.200]	24	△4	△2	50	5749621-5
	7.44 [.293]	33.76 [1.329]	28.50 [1.122]	24.13 [.950]	19	△4	△2	40	5749621-4
	7.44 [.293]	26.14 [1.029]	20.88 [.822]	16.51 [.650]	13	△4	△2	28	5749621-3
	7.44 [.293]	24.87 [.979]	19.61 [.772]	15.24 [.600]	12	△4	△2	26	5749621-2
	7.44 [.293]	21.06 [.829]	15.80 [.622]	11.43 [.450]	9	△4	△2	20	5749621-1
E	D	C	B	A	CONTACT FINISH	SHELL FINISH	NO OF POS	PART NUMBER	

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DW	J.GERACE	17FEB05	<b>tyco</b> Electronics	Tyco Electronics Corporation
CHK	S.SHUEY	17FEB05		Harrisburg, Pa 17105-3608
APPD	M.WALMSLEY	17FEB05	NAME	KIT, PLUG ASSEMBLY, 1.27[.050] SERIES, AMPLIMITE
PRODUCT SPEC	108-1228		SIZE	A1
APPLICATION SPEC	114-40029		CAGE CODE	00779
WEIGHT	-		DRAWING NO	5749621
CUSTOMER DRAWING			SCALE	5:1
			SHEET	1 OF 1
			REV	01