



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN L. VARELA - DOCKS 11-16-04	TE Connectivity	
DIMENSIONS: INCHES		CHK J. GERACE 11-16-04	NAME M. WALMSLEY 11-16-04	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-40011		
0. PLC ± .005		APPLICATION SPEC 114-40002		
1. PLC ± .005		SIZE A1		
2. PLC ± .005		CAGE CODE DRAWING NO 00779		
3. PLC ± .005		DRAWING NO 745498		
4. PLC ± .005		RESTRICTED TO -		
ANGLES ± .2°		WEIGHT -		
FINISH SEE CALL OUT		CUSTOMER DRAWING		
SEE TABLE		SCALE 4:1 SHEET 1 OF 2 REV U1		

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	SEE SHEET 1			

- 1 HOUSING FULLY LOADED WITH CONTACTS.
- 2 NUMBER ON CONTACT INDICATES WIRE RANGE.
- 3 CONTACT INSULATION RANGE: .060 MAXIMUM O.D.
- 4 CONTACTS GOLD PLATED FOR A LENGTH OF .150 MIN FROM MATING END, .000030 MIN GOLD IN MATED AREA, .000100-.000200 BRIGHT TIN OR BRIGHT TIN-LEAD IN AREA SHOWN, ALL OVER .000050 MIN NICKEL UNDERPLATE ON ENTIRE CONTACT.  
OR  
CONTACTS GOLD PLATED FOR A LENGTH OF .150 MIN FROM MATING END, GOLD FLASH OVER .000030 MIN PALLADIUM-NICKEL IN MATED AREA, .000100-.000200 BRIGHT TIN OR BRIGHT TIN-LEAD IN AREA SHOWN, ALL OVER .000050 MIN NICKEL UNDERPLATE ON ENTIRE CONTACT.
- 5 GOLD PLATED FOR LENGTH OF .150 MIN FROM MATING END, GOLD FLASH IN MATED AREA, .000100-.000200 BRIGHT TIN OR BRIGHT IN TIN-LEAD AREA SHOWN, .000030 NICKEL UNDERPLATE ON ENTIRE CONTACT.
- 6 GOLD PLATED FOR LENGTH OF .150 MIN FROM MATING END, .000050 MIN GOLD IN MATED AREA, .000100-.000200 BRIGHT TIN OR BRIGHT IN TIN-LEAD AREA SHOWN, .000050 NICKEL UNDERPLATE ON ENTIRE CONTACT.
- 7 SPECIAL DATE CODE IN THIS APPROXIMATE AREA.  
A; MM = MONTH; Y = LAST DIGIT OF YEAR.
- 8 CONTACTS GOLD PLATED FOR A LENGTH OF .150 MIN FROM MATING END, .000030 MIN GOLD IN MATED AREA, .000100-.000200 MATTE TIN IN AREA SHOWN, ALL OVER .000050 MIN NICKEL UNDERPLATE ON ENTIRE CONTACT.  
OR  
CONTACTS GOLD PLATED FOR A LENGTH OF .150 MIN FROM MATING END, GOLD FLASH OVER PALLADIUM-NICKEL, .000030 MIN TOTAL IN MATED AREA, .000100-.000200 MATTE TIN IN AREA SHOWN, ALL OVER .000050 MIN NICKEL UNDERPLATE ON ENTIRE CONTACT.
- 9 CONTACTS PLATED GOLD FLASH FOR A LENGTH OF .150 MIN FROM MATING END, .000100-.000200 MATTE TIN IN AREA SHOWN, ALL OVER .000030 MIN NICKEL UNDERPLATE ON ENTIRE CONTACT.

SUPERSEDED BY 745498-1	OBSOLETE	.125 .115	9	3	#20-22	1-745498-8	
		.125 .115	9	2	#22-26	1-745498-7	
		.125 .115	8	1	#26-30	1-745498-6	
		.125 .115	8	2	#22-26	1-745498-5	
	9	OBSOLETE	.125 .115	6	2	#22-26	1-745498-3
		OBSOLETE	.156	5	3	#20-22	1-745498-2
		OBSOLETE	.146	5	2	#22-26	1-745498-1
		OBSOLETE		5	1	#26-30	1-745498-0
		OBSOLETE	.156	4	3	#20-22	745498-9
		OBSOLETE	.146	4	2	#22-26	745498-8
	OBSOLETE		4	1	#26-30	745498-7	
	OBSOLETE	.125	5	3	#20-22	745498-6	
	OBSOLETE	.115	5	2	#22-26	745498-5	
	OBSOLETE		5	1	#26-30	745498-4	
	OBSOLETE	.125	4	3	#20-22	745498-3	
	OBSOLETE	.115	4	2	#22-26	745498-2	
	OBSOLETE		4	1	#26-30	745498-1	
	H	CONTACT FINISH	2	AWG WIRE RANGE	PART NUMBER		

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OWN	L VARELA - DOCKS	11-16-04
CHK	J. GERACE	11-16-04
APVD	M. WALMSLEY	11-16-04

STE TE Connectivity

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME	PLUG ASSEMBLY, METAL SHELL, SIZE 4, 37 POSITION, SERIES HDE-20 FOR MASS TERMINATION
0 PLC ± -	1 PLC ± -	PRODUCT SPEC	108-40011
2 PLC ± -	3 PLC ± .005	APPLICATION SPEC	114-40002
4 PLC ± -	ANGLES ± °	SIZE	A1

MATERIAL	SEE CALL OUT	FINISH	SEE TABLE	WEIGHT	-	CAGE CODE	00779	DRAWING NO	745498	RESTRICTED TO	-		
CUSTOMER DRAWING								SCALE	4:1	SHEET	2 OF 2	REV	U1

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