



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN L. VARELA - 11-16-04	
		CHK J. GERACE - 11-16-04	
DIMENSIONS: INCHES		APRD M. WALMSLEY - 11-16-04	NAME PLUG ASSEMBLY, METAL SHELL, SIZE 4, 37 POSITION, SERIES HDE-20 FOR MASS TERMINATION
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-40011	RESTRICTED TO
0. PLC ± .005	1. PLC ± .005	APPLICATION SPEC 114-40002	SIZE A1
2. PLC ± .005	3. PLC ± .005	WEIGHT -	CAGE CODE 00779
4. PLC ± .005	ANGLES ± .2°	FINISH SEE TABLE	DRAWING NO. 745498
MATERIAL SEE CALL OUT		CUSTOMER DRAWING	
		SCALE 4:1	SHEET 1 OF 2
		REV U1	

LOC	DIST	REVISIONS				
		REV	DESCRIPTION	DATE	BY	APPV
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.

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SUPERSEDED BY 745498-1					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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN 11-16-04 L. VARELA - DOCKS		TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPROVED: M. WALMSLEY 11-16-04	
0 PLC ± -		1 PLC ± -		NAME: PLUG ASSEMBLY, METAL SHELL, SIZE 4, 37 POSITION, SERIES HDE-20 FOR MASS TERMINATION	
1 PLC ± -		2 PLC ± -		PRODUCT SPEC: 108-40011	
2 PLC ± -		3 PLC ± .005		APPLICATION SPEC: 114-40002	
3 PLC ± -		4 PLC ± -		SIZE: A1	
4 PLC ± -		ANGLES ± °		CAGE CODE: 745498	
MATERIAL: SEE CALL OUT		FINISH: SEE TABLE		WEIGHT: -	
				CUSTOMER DRAWING	
				SCALE: 4:1	
				SHEET: 2 OF 2	
				REV: U1	