

4

3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		L		REVISED PER EC 0S13-0257-04	11-16-04	LV	JG

MOLDED CAVITY IDENTIFICATION AND AMP, RAISED

10° TYP

H DIA 2 HOLES

.648
.638
.108 REF
.112 TYP
.316
.509
.306
.479
.989
.979
1.228
1.198

5 4 3 2 1
9 8 7 6 AMP

AMMY

VIEW A-A

SHELL, STEEL, PER QQ-S-698 BRIGHT-TIN PLATED PER MIL-T-10727

.248 TYP
.238 TYP
.040 TYP
.020 TYP
.332 TYP
.312 TYP
.567 TYP
.769
.749

MIN AREA TIN PLATE

INSERT, GLASS FILLED THERMOPLASTIC RATED UL 94V-0; BLACK

SOCKET CONTACT (PHOSPHOR BRONZE)

MATING FACE

① HOUSING FULLY LOADED WITH CONTACTS.

② NUMBER ON CONTACT INDICATES WIRE RANGE.

③ CONTACT INSULATION RANGE: .060 MAXIMUM O.D.

④ .000030 GOLD ON MATING END FOR .100 MIN LENGTH. .000100-.000200 BRIGHT TIN OR BRIGHT TIN-LEAD IN AREA SHOWN. .000050 NICKEL UNDERPLATE ON ENTIRE CONTACT.

⑤ .000001 MIN GOLD ON MATING END FOR .100 MIN LENGTH. .000100-.000200 BRIGHT TIN OR BRIGHT TIN-LEAD IN AREA SHOWN. .000030 NICKEL UNDERPLATE ON ENTIRE CONTACT.

⑥ .000050 MIN GOLD FOR A LENGTH OF .100 MIN FROM MATING END. .000100 MIN TIN OR TIN-LEAD IN TIN PLATE AREA. BOTH OVER .000050 MIN NICKEL.

△ SPECIAL DATE CODE IN THIS APPROXIMATE AREA. A; MM = MONTH; Y = LAST DIGIT OF YEAR.

⑧ SUPERSEDED BY 745491-5

⑨ SUPERSEDED BY 745491-3

⑩ SUPERSEDED BY 745491-1

⑪ .000030 GOLD ON MATING END FOR .100 MIN LENGTH. .000100-.000200 MATTE TIN IN AREA SHOWN. .000050 NICKEL UNDERPLATE ON ENTIRE CONTACT.

⑫ .000001 MIN GOLD ON MATING END FOR .100 MIN LENGTH. .000100-.000200 MATTE TIN IN AREA SHOWN. .000030 NICKEL UNDERPLATE ON ENTIRE CONTACT.

STANDARD	.125 .115	①①	3	#20-22	1-745491-9
STANDARD	.125 .115	①②	2	#22-26	1-745491-8
STANDARD	.125 .115	①①	2	#22-26	1-745491-7
STANDARD	.125 .115	①①	1	#26-30	1-745491-6
SMALL PACK	.125 .115	⑤	2	#22-26	⑧ 1-745491-5
OBSOLETE	STANDARD	.120 .146	⑥	#22-26	1-745491-3
			⑤	#20-22	1-745491-2
			⑤	#22-26	1-745491-1
STANDARD	.156 .146	④	③	#20-22	745491-9
			②	#22-26	745491-8
			①	#26-30	745491-7
STANDARD	.125 .115	⑤	③	#20-22	⑨ 745491-6
			②	#22-26	745491-5
			①	#26-30	⑩ 745491-4
STANDARD	.125 .115	④	③	#20-22	745491-3
			②	#22-26	745491-2
			①	#26-30	745491-1
PACKAGING	H	CONTACT FINISH	②	AWG WIRE RANGE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 11-16-04 L. VARELA - DOCK5	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES		CHK 4-12-90 J. GERACE	RECEPTACLE ASSEMBLY, METAL SHELL, SIZE 1, 9 POSITION, SERIES HDE-20 FOR MASS TERMINATION	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 11-16-04 M. WALMSLEY	RESTRICTED TO	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - 2° ANGLES ± 2°		PRODUCT SPEC 108-40011	SIZE A2	CAGE CODE 00779
MATERIAL SEE CALL OUT		APPLICATION SPEC 114-40002	DRAWING NO C=745491	
FINISH SEE TABLE		WEIGHT -	SCALE 4:1 SHEET 1 OF 1 REV L	
		CUSTOMER DRAWING		

AMP 1471-9 REV 31MAR2000