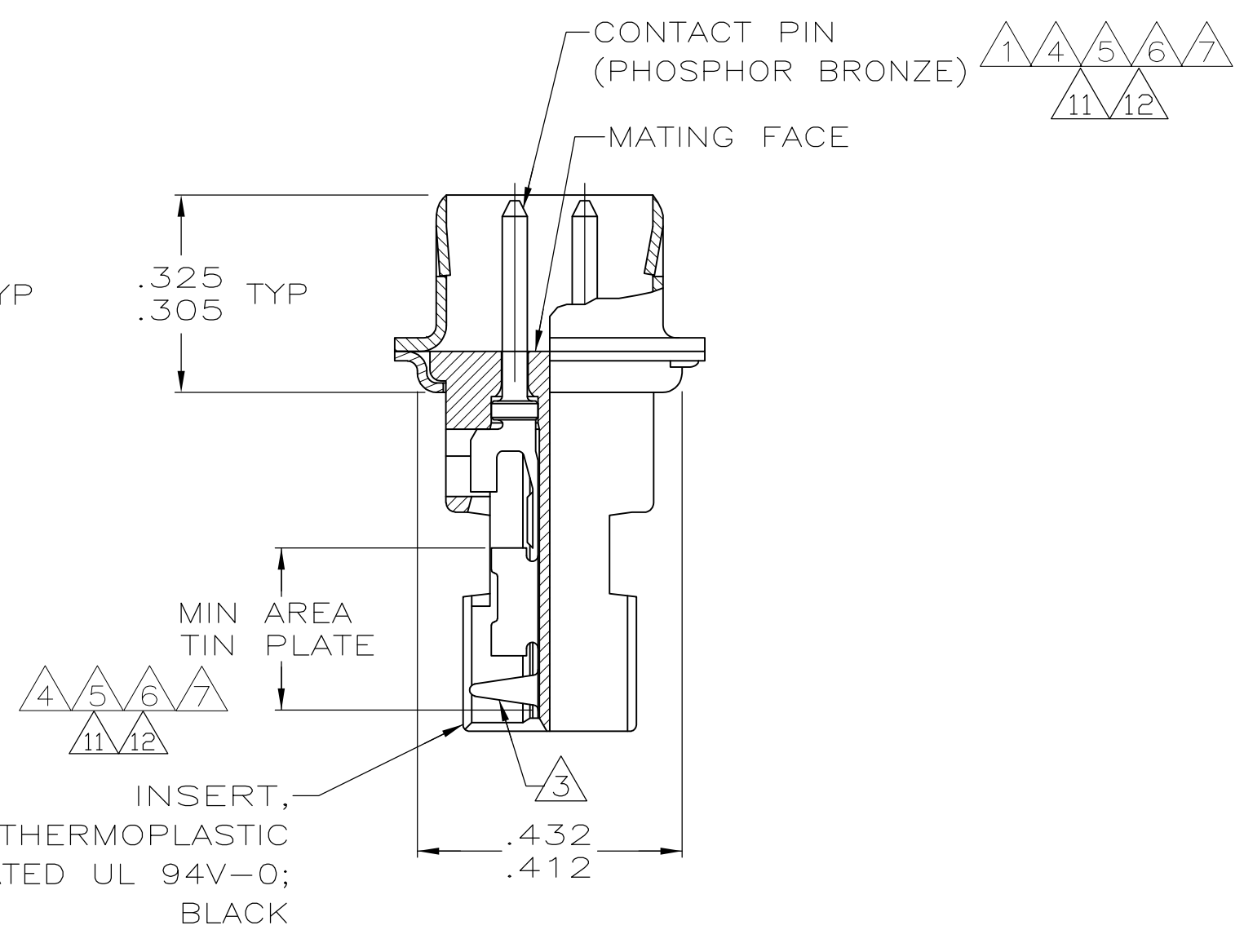
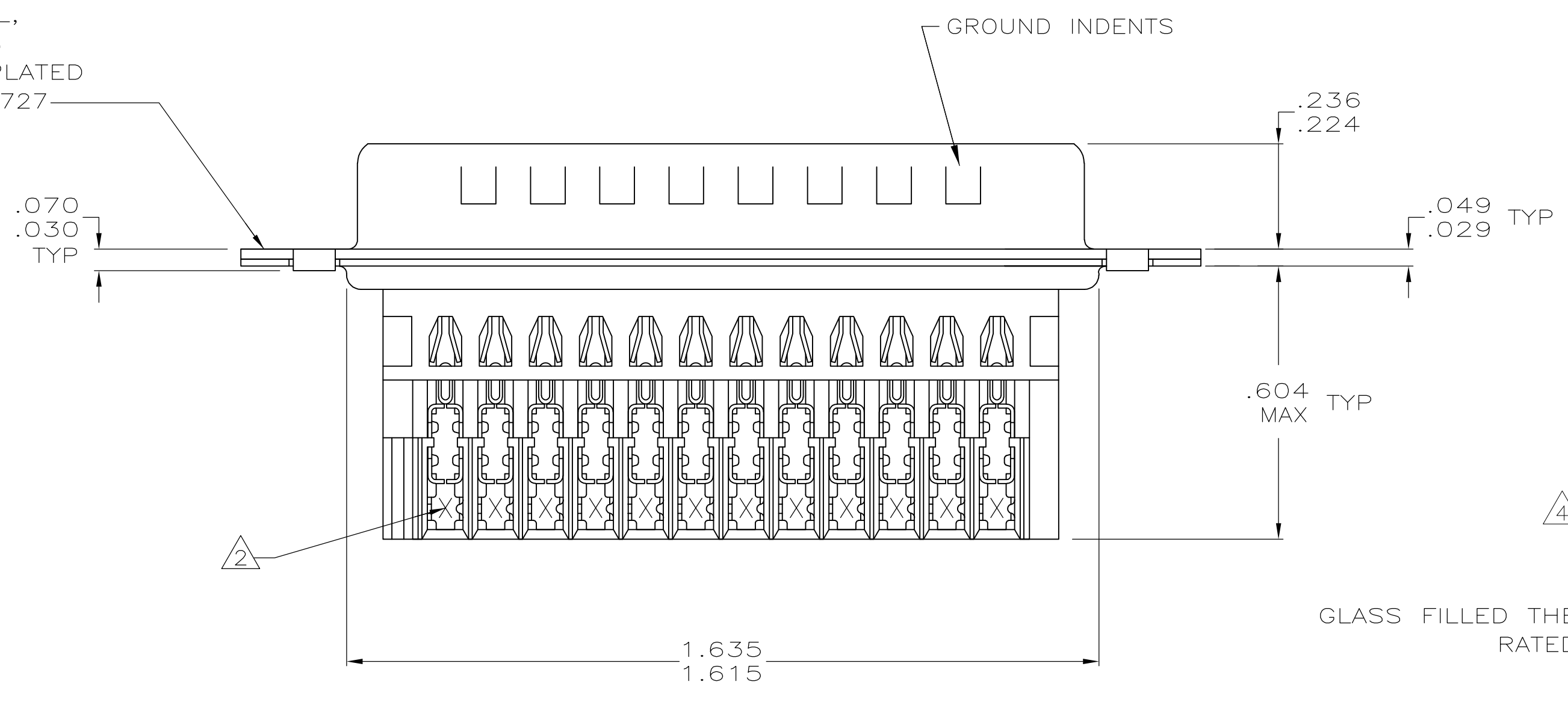


SHELL, STEEL,
 PER QQ-S-698
 BRIGHT-TIN PLATED
 PER MIL-T-10727



- 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 CONTACTS PLATED GOLD FLASH FOR A LENGTH OF .150 MIN FROM MATING END, .000100-.000200 BRIGHT TIN OR BRIGHT TIN-LEAD IN AREA SHOWN, ALL OVER .000030 MIN NICKEL UNDERPLATE ON ENTIRE CONTACT.
- ⑥ .000020 GOLD ON MATING END FOR .150 MIN LENGTH. .000100-.000200 BRIGHT TIN OR BRIGHT TIN-LEAD IN AREA SHOWN. .000050 NICKEL UNDERPLATE ON ENTIRE CONTACT.
- ⑦ GOLD PLATED FOR LENGTH OF .150 MIN FROM MATING END, .000050 MIN GOLD IN MATED AREA, .000100-.000200 BRIGHT TIN OR BRIGHT TIN-LEAD IN AREA SHOWN. .000050 NICKEL UNDERPLATE ON ENTIRE CONTACT.
- ⑧ SPECIAL DATE CODE IN THIS APPROXIMATE AREA.
 A; MM = MONTH; Y = LAST DIGIT OF YEAR.
- ⑨ OBSOLETE PART NUMBER.
- ⑩ SUPERSEDED BY 745496-5.
- ⑪ 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.
- ⑫ 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.

STANDARD	FINISH	CONTACT FINISH	AWG WIRE RANGE	PART NUMBER
.125 .115	⑪	3	#20-22	2-745496-0
.125 .115	⑪	1	#26-30	1-745496-9
.125 .115	⑫	2	#22-26	1-745496-8
.125 .115	⑪	2	#22-26	1-745496-7
SMALL PACK .125 .115	⑤	2	#22-26	⑩ 1-745496-6
STANDARD .125 .115	⑦	2	#22-26	⑨ 1-745496-4
STANDARD .125 .115	⑥	2	#22-26	⑨ 1-745496-3
STANDARD .156 .146	⑤	3 2 1	#20-22 #22-26 #26-30	⑨ 1-745496-2 ⑨ 1-745496-1 ⑨ 1-745496-0
STANDARD .156 .146	④	3 2 1	#20-22 #22-26 #26-30	⑨ 745496-9 ⑨ 745496-8 ⑨ 745496-7
STANDARD .125 .115	⑤	3 2 1	#20-22 #22-26 #26-30	⑨ 745496-6 ⑨ 745496-5 ⑨ 745496-4
STANDARD .125 .115	④	3 2 1	#20-22 #22-26 #26-30	⑨ 745496-3 ⑨ 745496-2 ⑨ 745496-1
PACKAGING	H	CONTACT FINISH	AWG WIRE RANGE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN: L. VARELA - 8/26/90	CHK: J. GERACE 11-16-04	APPRO: M. WALMSLEY 11-16-04	NAME: M. WALMSLEY	TYCO ELECTRONICS	Tyco Electronics Corporation Harrisburg, PA 17105-3608
0 PLC ± -	1 PLC ± -	2 PLC ± -	3 PLC ± .005	4 PLC ± -	ANGLES ± °	PRODUCT SPEC: 108-40011	PLUG ASSY, METAL SHELL, SIZE 3, 25 POSN, SERIES HDE-20 FOR MASS TERMINATION
MATERIAL: SEE CALL OUT	FINISH: SEE TABLE	SIZE: A1	CAGE CODE: 00779	DRAWING NO: 745496	RESTRICTED TO: -	WEIGHT: -	CUSTOMER DRAWING
		SCALE: 4:1	SHEET: 1 OF 1	REV: U			