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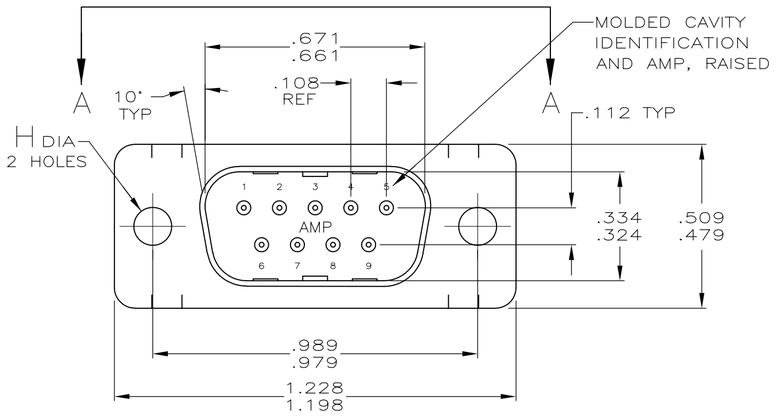
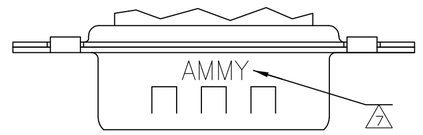
LOC	DIST
GP	00

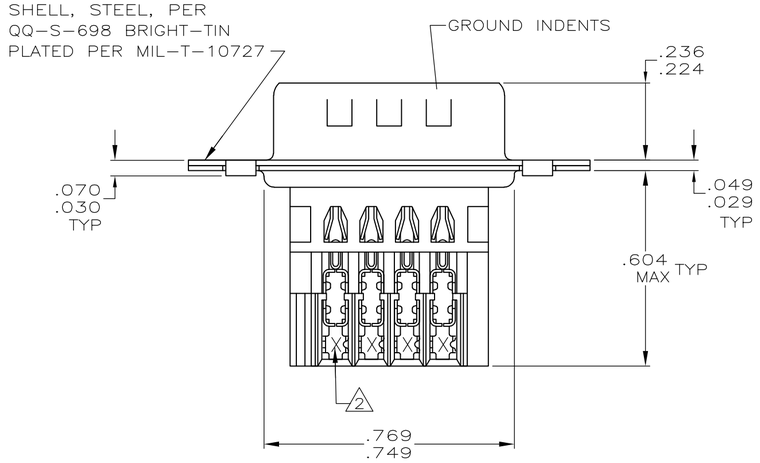
REVISIONS

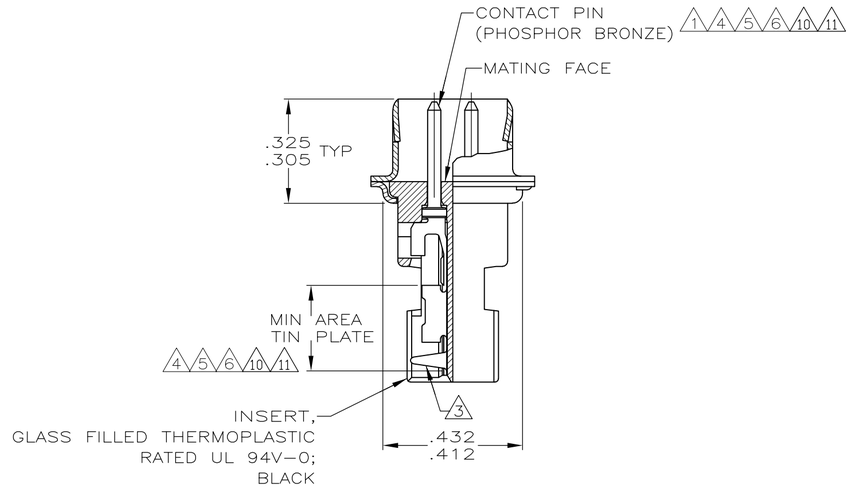
P	LTR	DESCRIPTION	DATE	DWN	APVD
	S1	REVISED PER ECO-11-004835	11MAR11	RK	HMR





VIEW A–A





745492

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± .005
4 PLC ± –
ANGLES ± 2°

MATERIAL: SEE CALL OUT

FINISH: SEE TABLE

DWN	L. VAREAL – DOCK5 11-16-04
CHK	J. GERACE 11-16-04
APVD	M. WALMSLEY 11-16-04
PRODUCT SPEC	108-40011
APPLICATION SPEC	114-40002
WEIGHT	–

TE Connectivity

NAME: PLUG ASSEMBLY, METAL SHELL, SIZE 1, 9 POSITION, SERIES HDE-20 FOR MASS TERMINATION

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-745492	–

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 2 | REV S1

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GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	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 OBSOLETE.

△9 SUPERSEDED BY 745492–1

△10 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.

△11 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.

	PACKAGING	H	CONTACT FINISH	△2	AWG WIRE RANGE	PART NUMBER
	STANDARD	.125 .115	△11	2	#22–26	2–745492–0
	STANDARD	.125 .115	△10	3	#20–22	1–745492–9
	STANDARD	.125 .115	△10	2	#22–26	1–745492–8
	STANDARD	.125 .115	△10	1	#26–30	1–745492–7
	SMALL PACK	.125 .115	△5	2	#22–26	△8 1–745492–5
△7	STANDARD	.125 .115	△6	2	#22–26	△8 1–745492–3
	STANDARD	.156 .146	△5	3	#20–22	△8 1–745492–2
				2	#22–26	△8 1–745492–1
				1	#26–30	△8 1–745492–0
	STANDARD	.156 .146	△4	3	#20–22	△8 745492–9
				2	#22–26	△8 745492–8
				1	#26–30	△8 745492–7
	STANDARD	.125 .115	△5	3	#20–22	△8 745492–6
				2	#22–26	△8 745492–5
				1	#26–30	△9 745492–4
	STANDARD	.125 .115	△4	3	#20–22	△8 745492–3
				2	#22–26	△8 745492–2
				1	#26–30	△8 745492–1

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PRODUCT SPEC 108–40011
APPLICATION SPEC 114–40002
WEIGHT –

TE Connectivity

NAME
PLUG ASSEMBLY,
METAL SHELL, SIZE 1, 9 POSITION,
SERIES HDE–20 FOR MASS TERMINATION

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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CUSTOMER DRAWING | SCALE 4:1 | SHEET 2 OF 2 | REV S1