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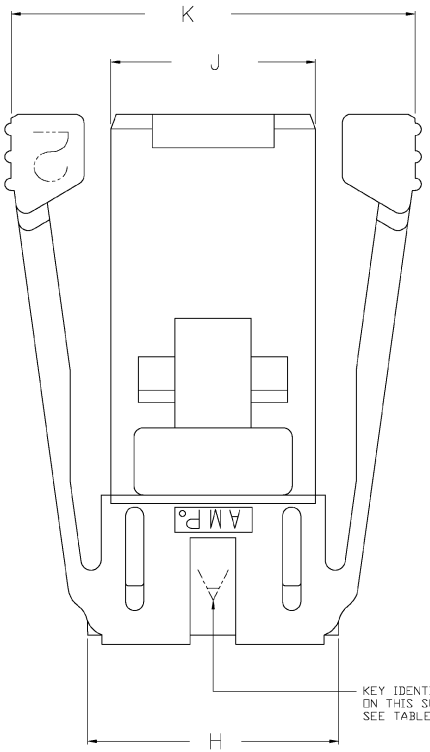
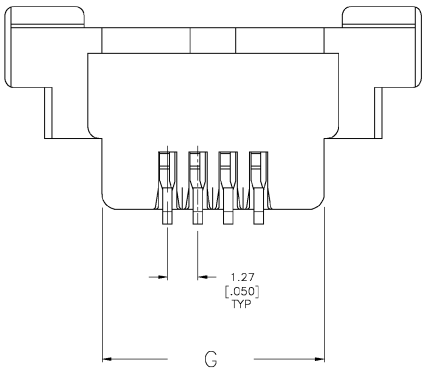
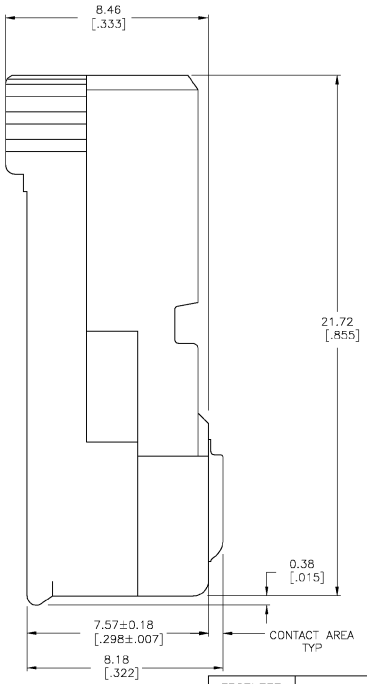
LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	AD	REVISED PER EC 0513-0354-03	09FEB04	BM	JG







1. PREFIX AND SUFFIX NUMBERS MUST MATCH THOSE ON RECEPTACLE FOR PARTS TO MATE.

△2 MATERIAL:
HOUSING- POLYCARBONATE
CONTACT- COPPER ALLOY

△3 FINISH:
HOUSING- SMOKE GRAY
CONTACT- 0.00127[.000050] MIN NICKEL OVER ENTIRE PART,
0.00002[.000001] MIN GOLD FLASH OVER ENTIRE PART,
0.00127[.000050] MIN GOLD OVER CONTACT AREA.

△4 CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520704-1.

△5 CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520705-1.

△6 CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520706-1.

△7 CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520707-1.

8. BULK CABLE IS NOT AVAILABLE FROM AMP INC.

9. FOR TERMINATION OF 24 AWG, 7 STRANDED, ROUND CABLE WITH 1.27[.050] NOMINAL O.D. CONDUCTOR INSULATION, PER LISTED DRAWING SPECIFICATIONS.

BOOT	TOP SHIELD	BOTTOM SHIELD	CABLE OD/FERRULE		CABLE OD/FERRULE		K	J	H	G	NO OF POSN	KEY I.D. LETTER	PART NO
OBSOLETE							16.87 [.664]	8.64 [.340]	10.46 [.412]	9.35 [.368]	4	F	△4 6-520424-1
	520854-1	520466-1	520467-1	5.82-6.91 [.229-.272]	520440-1	7.32-7.82 [.288-.308]	520441-1	32.11 [1.264]	23.88 [.940]	25.70 [1.012]	24.59 [.968]	16	E	△7 5-520424-6
	520853-1	520464-1	520465-1	4.55-5.38 [.179-.212]	520436-1	5.69-6.20 [.224-.244]	520437-1	21.95 [.864]	13.72 [.540]	15.54 [.612]	14.43 [.568]	8	E	△6 5-520424-3
	520852-1	520462-1	520463-1	——	——	5.36-5.72 [.211-.225]	520435-1	19.41 [.764]	11.18 [.440]	13.00 [.512]	11.89 [.468]	6	E	△5 5-520424-2
	520851-1	520460-1	520461-1	3.73-4.42 [.147-.174]	520432-1	4.72-5.08 [.186-.200]	520433-1	16.87 [.664]	8.64 [.340]	10.46 [.412]	9.35 [.368]	4	E	△4 5-520424-1
OBSOLETE								21.95 [.864]	13.72 [.540]	15.54 [.612]	14.43 [.568]	8	D	△6 4-520424-3
OBSOLETE								19.41 [.764]	11.18 [.440]	13.00 [.512]	11.89 [.468]	6	D	△5 4-520424-2
	520851-1	520460-1	520461-1	3.73-4.42 [.147-.174]	520432-1	4.72-5.08 [.186-.200]	520433-1	16.87 [.664]	8.64 [.340]	10.46 [.412]	9.35 [.368]	4	D	△4 4-520424-1
	520853-1	520464-1	520465-1	4.55-5.38 [.179-.212]	520436-1	5.69-6.20 [.224-.244]	520437-1	21.95 [.864]	13.72 [.540]	15.54 [.612]	14.43 [.568]	8	C	△6 3-520424-3
OBSOLETE								19.41 [.764]	11.18 [.440]	13.00 [.512]	11.89 [.468]	6	C	△5 3-520424-2
OBSOLETE								16.87 [.664]	8.64 [.340]	10.46 [.412]	9.35 [.368]	4	C	△4 3-520424-1
OBSOLETE								32.11 [1.264]	23.88 [.940]	25.70 [1.012]	24.59 [.968]	16	C	△7 3-520424-6
OBSOLETE								21.95 [.864]	13.72 [.540]	15.54 [.612]	14.43 [.568]	8	B	△6 2-520424-3
OBSOLETE								19.41 [.764]	11.18 [.440]	13.00 [.512]	11.89 [.468]	6	B	△5 2-520424-2
	520851-1	520460-1	520461-1	3.73-4.42 [.147-.174]	520432-1	4.72-5.08 [.186-.200]	520433-1	16.87 [.664]	8.64 [.340]	10.46 [.412]	9.35 [.368]	4	B	△4 2-520424-1
	520854-1	520466-1	520467-1	5.82-6.91 [.229-.272]	520440-1	7.32-7.82 [.288-.308]	520441-1	32.11 [1.264]	23.88 [.940]	25.70 [1.012]	24.59 [.968]	16	A	△7 1-520424-6
	520853-1	520464-1	520465-1	4.55-5.38 [.179-.212]	520436-1	5.69-6.20 [.224-.244]	520437-1	21.95 [.864]	13.72 [.540]	15.54 [.612]	14.43 [.568]	8	A	△6 1-520424-3
	520852-1	520462-1	520463-1	——	——	5.36-5.72 [.211-.225]	520435-1	19.41 [.764]	11.18 [.440]	13.00 [.512]	11.89 [.468]	6	A	△5 1-520424-2
	520851-1	520460-1	520461-1	3.73-4.42 [.147-.174]	520432-1	4.72-5.08 [.186-.200]	520433-1	16.87 [.664]	8.64 [.340]	10.46 [.412]	9.35 [.368]	4	A	△4 1-520424-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES] — TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.25 [.01]
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL △2 FINISH △3

DWN R. MCMASTER 09FEB2004
CHK C. ROHDE 09FEB04
APVD M. WALMSLEY 09FEB04
PRODUCT SPEC 108-2047
APPLICATION SPEC 114-2090
WEIGHT –

tyco Electronics
Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME: PLUG SUB-ASSY, ROUND CABLE, 50 SERIES, SDL

SIZE A1 | CAGE CODE 00779 | DRAWING NO. C-520424 | RESTRICTED TO –

CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 1 | REV AD