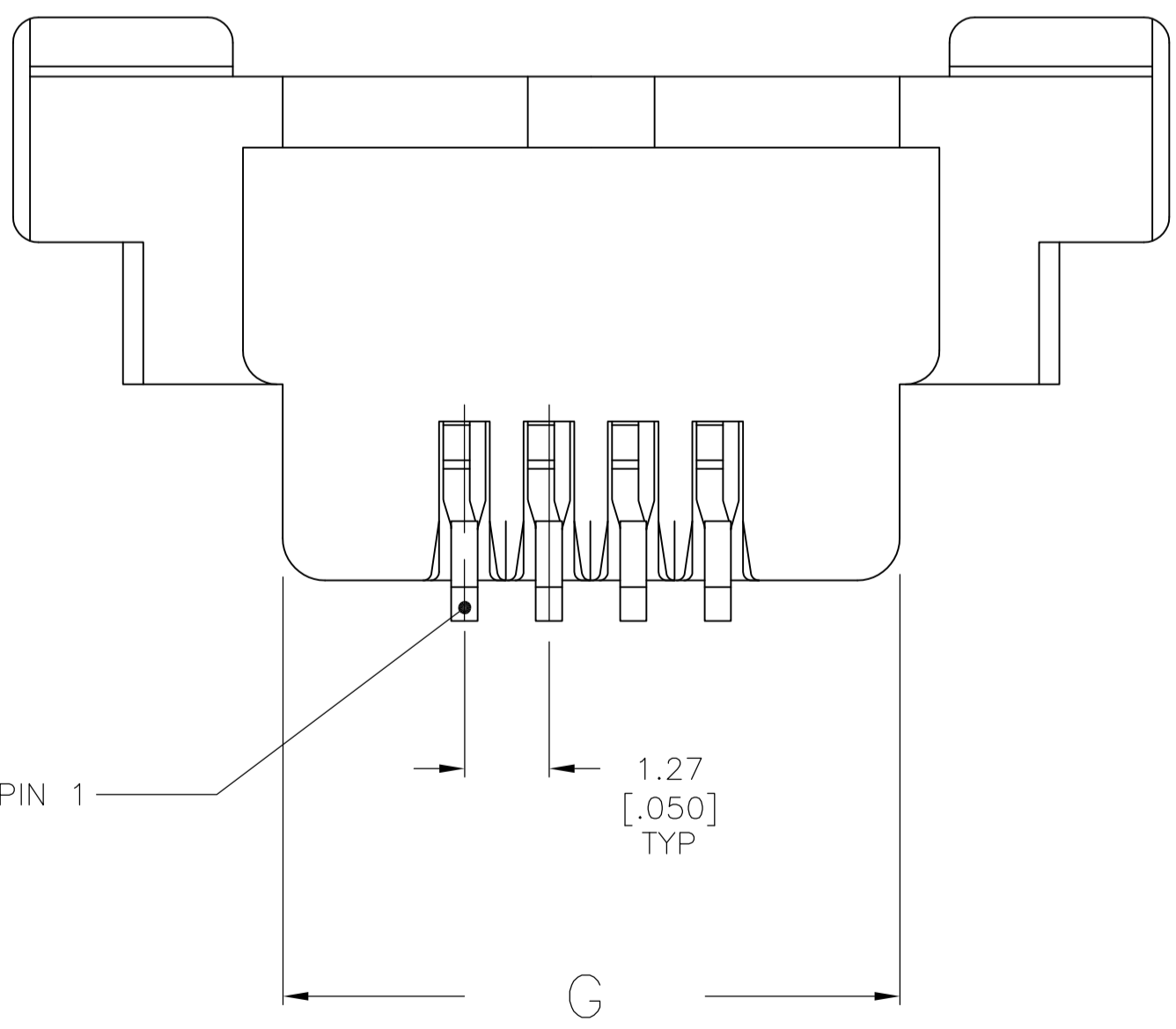


- PREFIX AND SUFFIX NUMBERS MUST MATCH THOSE ON RECEPTACLE FOR PARTS TO MATE.
- MATERIAL:**  
HOUSING- POLYCARBONATE  
CONTACT- COPPER ALLOY
- FINISH:**  
HOUSING- SMOKE GRAY  
CONTACT- 0.00127[.000050] MIN NICKEL OVER ENTIRE PART,  
0.00002[.000001] MIN GOLD FLASH OVER ENTIRE PART,  
0.00127[.000050] MIN GOLD OVER CONTACT AREA.
- CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520704-1.
- CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520705-1.
- CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520706-1.
- CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520707-1.
- BULK CABLE IS NOT AVAILABLE FROM AMP INC.
- FOR TERMINATION OF 24 AWG, 7 STRANDED, ROUND CABLE WITH 1.27[.050] NOMINAL O.D. CONDUCTOR INSULATION, PER LISTED DRAWING SPECIFICATIONS.



OBsolete	520854-1	520466-1	520467-1	5.82-6.91 [.229-.272]	520440-1	7.32-7.82 [.288-.308]	520441-1	16.87 [.664]	8.64 [.340]	10.46 [.412]	9.35 [.368]	4	F	4	6-520424-1
	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	E	7	5-520424-6
OBsolete	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
OBsolete	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
	BOOT	TOP SHIELD	BOTTOM SHIELD	CABLE OD/FERRULE	CABLE OD/FERRULE	K	J	H	G	NO OF POSN	KEY I.D. LETTER	PART NO			

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN B MCMASER 09FEB04	APPRO C ROHDE 09FEB04	NAME M. WALMSLEY 09FEB04	PRODUCT SPEC 108-2047
0 PLC ± -	1 PLC ± -	2 PLC ± 0.25 [.010]	3 PLC ± -	4 PLC ± -	ANGLES ± -
MATERIAL 2	FINISH 3	WEIGHT -	SIZE A1	CAGE CODE 00779	DRAWING NO 520424
CUSTOMER DRAWING			SCALE 1:1	SHEET 1 OF 1	REV AE2

STE TE Connectivity  
PLUG SUB-ASSY, ROUND CABLE, 50 SERIES, SDL

# Mouser Electronics

Authorized Distributor

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[5-520424-3](#)