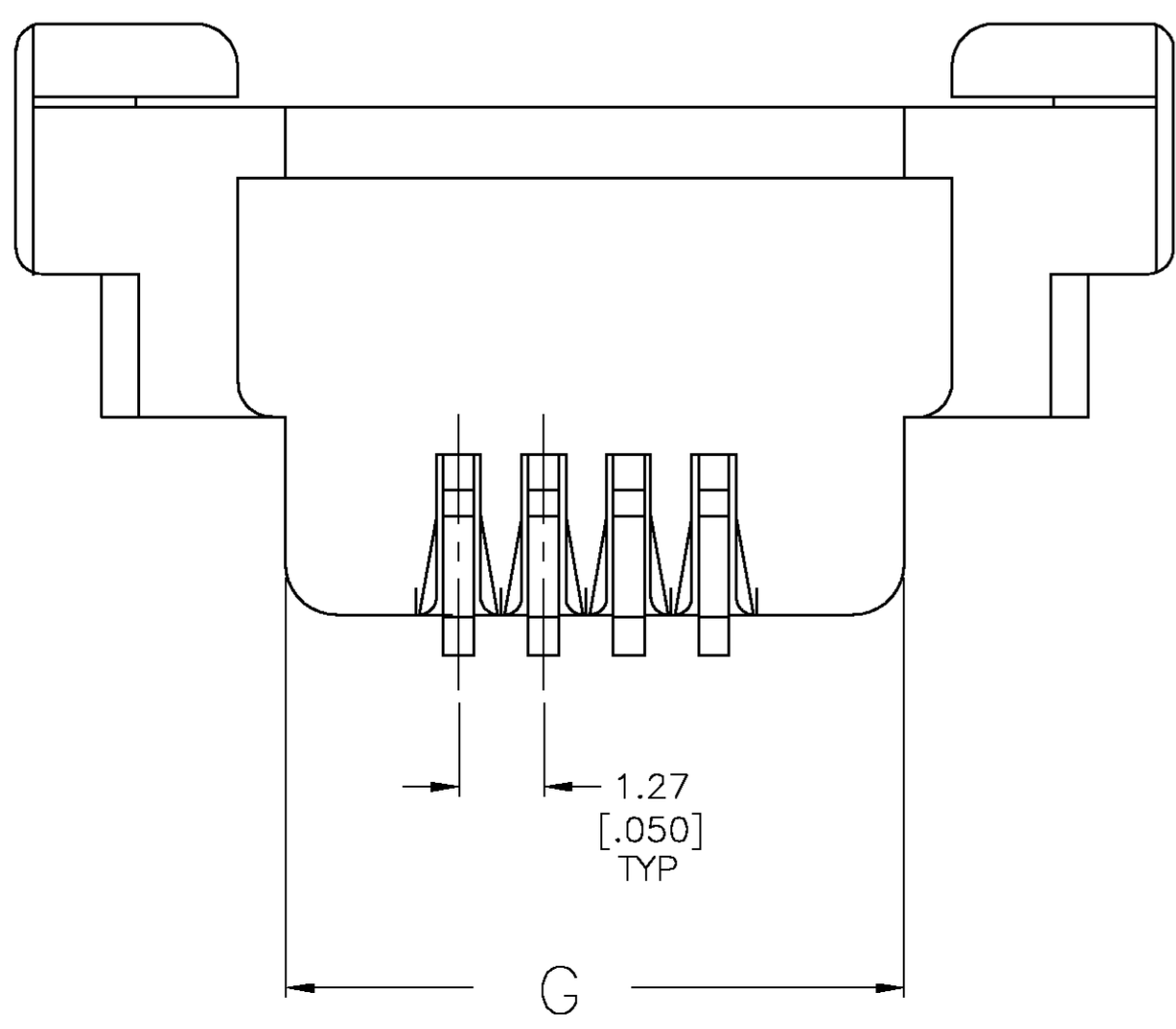


13.21 REF
[.520] $\triangle 5$

KEY IDENTIFICATION LETTER
ON THIS SURFACE
SEE TABLE

CONTACT AREA
TYP



1. PREFIX AND SUFFIX NUMBERS MUST MATCH THOSE ON RECEPTACLE FOR PARTS TO MATE.
- $\triangle 2$ MATERIAL:
HOUSING- POLYCARBONATE
CONTACT- COPPER ALLOY
SHIELD- BRASS
- $\triangle 3$ FINISH:
HOUSING- SMOKE GRAY
CONTACT- 0.00127[.000050] MIN NICKEL OVER ENTIRE PART,
0.00002[.000001] GOLD FLASH OVER ENTIRE PART,
0.00127[.000050] MIN GOLD OVER CONTACT AREA.
SHIELD- 0.00254[.000100] MIN BRIGHT TIN-LEAD OVER 0.00127[.000050] MIN NICKEL.
- $\triangle 4$ CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520471-1.
- $\triangle 5$ INSERTION DEPTH INTO RECEPTACLE.
- 6 BULK CABLE ARE NOT AVAILABLE FROM AMP INC.
- $\triangle 7$ CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520475-1.
- $\triangle 8$ CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520477-1.
- $\triangle 9$ CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520473-1.
- $\triangle 10$ FINISH:
HOUSING- SMOKE GRAY
CONTACT- 0.00127[.000050] MIN NICKEL OVER ENTIRE PART,
0.00002[.000001] GOLD FLASH OVER ENTIRE PART,
0.00127[.000050] MIN GOLD OVER CONTACT AREA.
SHIELD- 0.00254[.000100] MIN BRIGHT TIN OVER 0.00127[.000050] MIN NICKEL.
11. FOR TERMINATION OF 24 AWG, 7 STRANDED, FLAT RIBBON CABLE WITH 1.27[.050] NOMINAL O.D. CONDUCTOR INSULATION PER LISTED DRAWING SPECIFICATIONS.

OBSOLETE	$\triangle 3$	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	F	$\triangle 4$	6-520423-1
OBSOLETE	$\triangle 10$	21.95 [.864]	14.60 [.575]	15.54 [.612]	14.43 [.568]	8	E	$\triangle 4$	5-520423-9
OBSOLETE	$\triangle 10$	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	A	$\triangle 4$	5-520423-7
	$\triangle 3$	32.11 [1.264]	24.76 [.975]	25.70 [1.012]	24.59 [.968]	16	E	$\triangle 8$	5-520423-6
	$\triangle 3$	21.95 [.864]	14.60 [.575]	15.54 [.612]	14.43 [.568]	8	E	$\triangle 4$	5-520423-3
	$\triangle 3$	19.41 [.764]	12.06 [.475]	13.00 [.512]	11.89 [.468]	6	E	$\triangle 9$	5-520423-2
	$\triangle 3$	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	E	$\triangle 4$	5-520423-1
OBSOLETE	$\triangle 3$	21.95 [.864]	14.60 [.575]	15.54 [.612]	14.43 [.568]	8	D	$\triangle 7$	4-520423-3
	$\triangle 3$	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	D	$\triangle 4$	4-520423-1
OBSOLETE	$\triangle 3$	32.11 [1.264]	24.76 [.975]	25.70 [1.012]	24.59 [.968]	16	C	$\triangle 8$	3-520423-6
	$\triangle 3$	21.95 [.864]	14.60 [.575]	15.54 [.612]	14.43 [.568]	8	C	$\triangle 7$	3-520423-3
	$\triangle 3$	19.41 [.764]	12.06 [.475]	13.00 [.512]	11.89 [.468]	6	C	$\triangle 9$	3-520423-2
	$\triangle 3$	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	C	$\triangle 4$	3-520423-1
OBSOLETE	$\triangle 3$	32.11 [.664]	24.76 [.975]	25.70 [1.012]	24.59 [.968]	16	B	$\triangle 8$	2-520423-6
OBSOLETE	$\triangle 3$	21.95 [.864]	14.60 [.575]	15.54 [.612]	14.43 [.568]	8	B	$\triangle 7$	2-520423-3
OBSOLETE	$\triangle 3$	19.41 [.764]	12.06 [.475]	13.00 [.512]	11.89 [.468]	6	B	$\triangle 9$	2-520423-2
	$\triangle 3$	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	B	$\triangle 4$	2-520423-1
	$\triangle 3$	32.11 [.664]	24.76 [.975]	25.70 [1.012]	24.59 [.968]	16	A	$\triangle 8$	1-520423-6
	$\triangle 3$	21.95 [.864]	14.60 [.575]	15.54 [.612]	14.43 [.568]	8	A	$\triangle 7$	1-520423-3
	$\triangle 3$	19.41 [.764]	12.06 [.475]	13.00 [.512]	11.89 [.468]	6	A	$\triangle 9$	1-520423-2
	$\triangle 3$	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	A	$\triangle 4$	1-520423-1
FINISH		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:	0 PLC ± -	1 PLC ± -	2 PLC ± -	3 PLC ± 0.25 [.010]	4 PLC ± -	ANGLES ± -
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MATERIAL $\triangle 2$	FINISH SEE TABLE	REVISED BY M. WALMSLEY 09FEB04	NAME M. WALMSLEY 09FEB04	DATE 09FEB04	PRODUCT SPEC 108-2047	APPLICATION SPEC 114-2086	SIZE A1	CAGE CODE 00779	DRAWING NO 520423	RESTRICTED TO -
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THIS DRAWING IS A CONTROLLED DOCUMENT. DYN B MCMaster 08FEB2004
 CJK C. ROHDE 08FEB04
 APVD M. WALMSLEY 09FEB04
 Tyco Electronics Corporation
 Harriburg, Pa 17105-3608
 PLUG ASSY, FLAT CABLE, 50 SERIES, SDL
 CUSTOMER DRAWING SCALE 10:1 SHEET 1 OF 1 REV AE