



1. PREFIX AND SUFFIX NUMBERS MUST MATCH THOSE ON RECEPTACLE FOR PARTS TO MATE.
- 2 MATERIAL:
 - HOUSING- POLYCARBONATE
 - CONTACT- COPPER ALLOY
 - SHIELD- BRASS
- 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.
- 4 CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520471-1.
- 5 INSERTION DEPTH INTO RECEPTACLE.
- 6 BULK CABLE ARE NOT AVAILABLE FROM AMP INC.
- 7 CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520475-1.
- 8 CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520477-1.
- 9 CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520473-1.
- 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.

STATUS	FINISH	W	H	G	NO OF POSN	KEY I.D. LETTER	PART NO	
OBSOLETE	3	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	F 4-520423-1	
OBSOLETE	10	21.95 [.864]	14.60 [.575]	15.54 [.612]	14.43 [.568]	8	E 5-520423-9	
OBSOLETE	10	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	A 4-520423-7	
	3	32.11 [1.264]	24.76 [.975]	25.70 [1.012]	24.59 [.968]	16	E 5-520423-6	
	3	21.95 [.864]	14.60 [.575]	15.54 [.612]	14.43 [.568]	8	E 5-520423-3	
	3	19.41 [.764]	12.06 [.475]	13.00 [.512]	11.89 [.468]	6	E 5-520423-2	
	3	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	E 4-520423-1	
OBSOLETE	3	21.95 [.864]	14.60 [.575]	15.54 [.612]	14.43 [.568]	8	D 4-520423-3	
	3	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	D 4-520423-1	
OBSOLETE	3	32.11 [1.264]	24.76 [.975]	25.70 [1.012]	24.59 [.968]	16	C 3-520423-6	
	3	21.95 [.864]	14.60 [.575]	15.54 [.612]	14.43 [.568]	8	C 3-520423-3	
	3	19.41 [.764]	12.06 [.475]	13.00 [.512]	11.89 [.468]	6	C 3-520423-2	
	3	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	C 3-520423-1	
OBSOLETE	3	32.11 [.664]	24.76 [.975]	25.70 [1.012]	24.59 [.968]	16	B 8-520423-6	
OBSOLETE	3	21.95 [.864]	14.60 [.575]	15.54 [.612]	14.43 [.568]	8	B 7-520423-3	
OBSOLETE	3	19.41 [.764]	12.06 [.475]	13.00 [.512]	11.89 [.468]	6	B 9-520423-2	
	3	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	B 4-520423-1	
	3	32.11 [.664]	24.76 [.975]	25.70 [1.012]	24.59 [.968]	16	A 8-520423-6	
	3	21.95 [.864]	14.60 [.575]	15.54 [.612]	14.43 [.568]	8	A 7-520423-3	
	3	19.41 [.764]	12.06 [.475]	13.00 [.512]	11.89 [.468]	6	A 9-520423-2	
	3	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	A 4-520423-1	
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:	DWG BY: MCMMASTER 08FEB04	CHK: C. ROHDE 08FEB04	APVD: M. WALMSLEY 08FEB04	NAME: PLUG ASSY, FLAT CABLE, 50 SERIES, SDL
0 PLC ± -	1 PLC ± -	Tyco Electronics Corporation Harrisburg, Pa 17105-3608			RESTRICTED TO
2 PLC ± -	3 PLC ± 0.25 [.010]	PRODUCT SPEC: 108-2047			
4 PLC ± -	ANGLES ± -	APPLICATION SPEC: 114-2086			
MATERIAL: 2	FINISH: SEE TABLE	WEIGHT: -	SIZE: A1	CAGE CODE: 00779	DRAWING NO: 520423
		CUSTOMER DRAWING	SCALE: 10:1	SHEET: 1 OF 1	REV: AE