

LOC	DIST	REVISIONS							
GP	00	P	LTR	DESCRIPTION			DATE	DWN	APVD
			AE	REVISED PER EC 0513-0263-04			07SEP04	JG	CR

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.

OBSOLETE	3	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	F	4	6-520423-1
OBSOLETE	10	21.95 [.864]	14.60 [.575]	15.54 [.612]	14.43 [.568]	8	E	4	5-520423-9
OBSOLETE	10	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	A	4	5-520423-7
	3	32.11 [1.264]	24.76 [.975]	25.70 [1.012]	24.59 [.968]	16	E	8	5-520423-6
	3	21.95 [.864]	14.60 [.575]	15.54 [.612]	14.43 [.568]	8	E	4	5-520423-3
	3	19.41 [.764]	12.06 [.475]	13.00 [.512]	11.89 [.468]	6	E	9	5-520423-2
	3	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	E	4	5-520423-1
	3	21.95 [.864]	14.60 [.575]	15.54 [.612]	14.43 [.568]	8	D	7	4-520423-3
OBSOLETE	3	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	D	4	4-520423-1
OBSOLETE	3	32.11 [1.264]	24.76 [.975]	25.70 [1.012]	24.59 [.968]	16	C	8	3-520423-6
	3	21.95 [.864]	14.60 [.575]	15.54 [.612]	14.43 [.568]	8	C	7	3-520423-3
	3	19.41 [.764]	12.06 [.475]	13.00 [.512]	11.89 [.468]	6	C	9	3-520423-2
	3	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	C	4	3-520423-1
OBSOLETE	3	32.11 [.664]	24.76 [.975]	25.70 [1.012]	24.59 [.968]	16	B	8	2-520423-6
OBSOLETE	3	21.95 [.864]	14.60 [.575]	15.54 [.612]	14.43 [.568]	8	B	7	2-520423-3
OBSOLETE	3	19.41 [.764]	12.06 [.475]	13.00 [.512]	11.89 [.468]	6	B	9	2-520423-2
	3	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	B	4	2-520423-1
	3	32.11 [.664]	24.76 [.975]	25.70 [1.012]	24.59 [.968]	16	A	8	1-520423-6
	3	21.95 [.864]	14.60 [.575]	15.54 [.612]	14.43 [.568]	8	A	7	1-520423-3
	3	19.41 [.764]	12.06 [.475]	13.00 [.512]	11.89 [.468]	6	A	9	1-520423-2
	3	16.87 [.664]	9.52 [.375]	10.46 [.412]	9.35 [.368]	4	A	4	1-520423-1
FINISH		K	J	H	G	NO OF POSN	KEY I.D. LETTER		PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN B. MCMASTER	06FEB2004	 Tyco Electronics Corporation Harriaburg, Pa 17105-3608
		CHK C. ROHDE	09FEB04	
		APVD M. WALMSLEY	09FEB04	
		NAME		
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-2047
		0 PLC ± - 1 PLC ± - 2 PLC ± 0.25 [.010] 3 PLC ± - 4 PLC ± - ANGLES ± -		APPLICATION SPEC 114-2086
MATERIAL 2		FINISH SEE TABLE		SIZE A1
		WEIGHT -		CAGE CODE 00779
		CUSTOMER DRAWING		DRAWING NO 520423
		SCALE 10:1		RESTRICTED TO -
		SHEET 1 OF 1		REV AE

