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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	J	REVISED PER ECO-08-007327	17APR08	BM WM

Technical drawing of a receptacle assembly. The drawing includes a perspective view of the assembly with a cover (3) and a cable (6) connected. Dimensions include a length of 15.75 [.62] and a terminal pitch of 1.27 [.050] TYP NOMINAL. A detailed view of the receptacle assembly shows 50 terminals, with Terminal 1 and Terminal 50 labeled. The assembly has 4-40 UNC-2B 2 HOLES and a mating face (7). A dimension of 83.32 [3.280] is shown for the terminal array. The overall length of the receptacle is 74.83±0.36 [2.946±.014]. An end view shows a width of 15.75 [.62] and a height of 20.83 [.82].

- 1 THE CONTACT SURFACES OF THE TERMINALS ARE COATED WITH LUBRICANT.
- 2 MATERIAL:  
HOUSING AND COVER – THERMOPLASTIC (BLACK).  
TERMINALS – PHOS BRONZE PLATED WITH EITHER 0.76μm [.000030] MINIMUM GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, 0.76μm [.000030] MIN TOTAL ON MATING SURFACE. GOLD FLASH PLATED ON TERMINATING SIDE. 1.27μm [.000050] MINIMUM NICKEL UNDERPLATE OVER ENTIRE TERMINAL.
- 3 COVER SHOWN LOOSE BUT SHIPPED ASSEMBLED.
4. WIRE RANGE: 26 AWG SOLID THRU 30 AWG AND 28 AWG STRANDED RIBBON CABLE.
- 5 ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY UNLESS OTHERWISE SPECIFIED.
- 6 FLAT CABLE SHALL BE FURNISHED BY CUSTOMER.
- 7 MATING FACE CONSISTS OF TWO ROWS OF TERMINALS ON 2.16 [.085] CENTERS. TERMINATING SIDE CONSISTS OF TERMINALS ON 2.54 [.100] CENTERS FOR AN EFFECTIVE 1.27 [.050] TERMINATION.
- 8 ALL DIMENSIONS SHOWN ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. TILLMAN/JTA 12-20-93	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		CHK C. WHITT 9-1-94	NAME RECEPTACLE ASSEMBLY, 50 POSITION, SCREW LOCK, LOW PROFILE, CHAMP LATCH	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J. TRAMMEL 9-8-94	SIZE A2	
0 PLC ± -		PRODUCT SPEC 108-6076	CAGE CODE 00779	DRAWING NO C=553603
1 PLC ± -		APPLICATION SPEC 114-6030	RESTRICTED TO -	
2 PLC ± -		WEIGHT -	SCALE 2:1	
3 PLC ± -		SHEET 1 OF 1		
4 PLC ± -		REV J		
ANGLES ± -		CUSTOMER DRAWING		
FINISH		SCALE 2:1		

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