

4

3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

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

3 COVER

15.75 [.62]

CABLE 6

1.27 [.050] TYP NOMINAL

TERMINATING SIDE 7

TERMINAL 50

RECEPTACLE ASSEMBLY

83.32 [3.280]

TERMINAL 1

4-40 UNC-2B 2 HOLES

MATING FACE 7

74.83±0.36 [2.946±.014]

15.75 [.62]

20.83 [.82]

END VIEW

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 ± -	1 PLC ± -	PRODUCT SPEC 108-6076	CAGE CODE 00779	DRAWING NO C=553603
2 PLC ± -	3 PLC ± -	APPLICATION SPEC 114-6030	RESTRICTED TO -	
4 PLC ± -	ANGLES ± -	WEIGHT -	SCALE 2:1	
MATERIAL 2	FINISH 2	CUSTOMER DRAWING		SHEET 1 of 1
			REV J	

AMP 1471-9 REV 31MAR2000

553603

A

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[553603-1](#)