



Technical drawing of a three-stage gear pump assembly. The drawing shows three stages of gear pumps connected in series. Key dimensions and tolerances are indicated:

- Overall length: .150 TYP [3.81]
- Stage 1 inlet/outlet diameter: .075 [1.91]
- Stage 1 internal diameter: .225 [5.71]
- Stage 1 gear mesh clearance: .055 TYP [1.40]
- Stage 2 inlet/outlet diameter: .132 TYP [3.35]

- ⑥ CONTACT FINISH: .000050 GOLD IN CONTACT AREA, NICKEL UNDERPLATE ALL OVER, TAILS DIPPED BY AMP FOR SOLDERING.
- ⑦ EPOXY ADDED TO BOTTOM WHERE CONTACT TAILS EXIT FROM THE HOUSING.
- ⑧ ON THE SIDE OF THE BOARD THAT INTERFACES WITH CONNECTOR EAR, THE BOARD SHOULD BE NO THICKER THAN THE CORE FITTING INTO THE REAR OF THE CONNECTOR SLOT.
- ⑨ MINIMUM PAD LENGTH ON CIRCUIT BOARD.

717801112-002	3.150 [80.01]	63	3.850 [97.79]	2.990 [75.95]	3.600 [91.44]	3.670 [93.22]	3.450 [87.63]	128	534671-1
CUSTOMER PART NUMBER	DIM Z	DIM Y	DIM X	DIM V	DIM U	DIM T	DIM S	NUMBER OF CONTACTS	PART NUMBER
<div>DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN INCHES [mm] TOLERANCES ON : 2 PLC DEC ± ____ 3 PLC DEC ± .005 [0.13] ANGLES ± 0° 30'</div> <div>MATERIAL</div> <div><div><div>4</div><div>5</div></div></div> <div>FINISH</div> <div><div><div>6</div></div></div>					DR 2-20-91 T. SHUEY		<div><div><div>AMP</div><div>AMP Incorporated Harrisburg, PA 17105-3608</div></div></div> <div>NAME</div> <div>ASSEMBLY, PIN HEADER, MINI-BOX,</div> <div>SHROUDED, CARD EXTENDER</div>		
					CHK 12-31-91 D. GUTTER				
					APPD 12-31-91 D. GUTTER				
					APPD 12-31-91 D. GUTTER				
					PRODUCT SPEC -				
APPLICATION SPEC -		SIZE <div><div>D</div></div>	CAGE CODE 00779	DRAWING NO 534671					
WEIGHT -		SCALE 4:1		SHEET 1 OF 1					

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