

DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2003

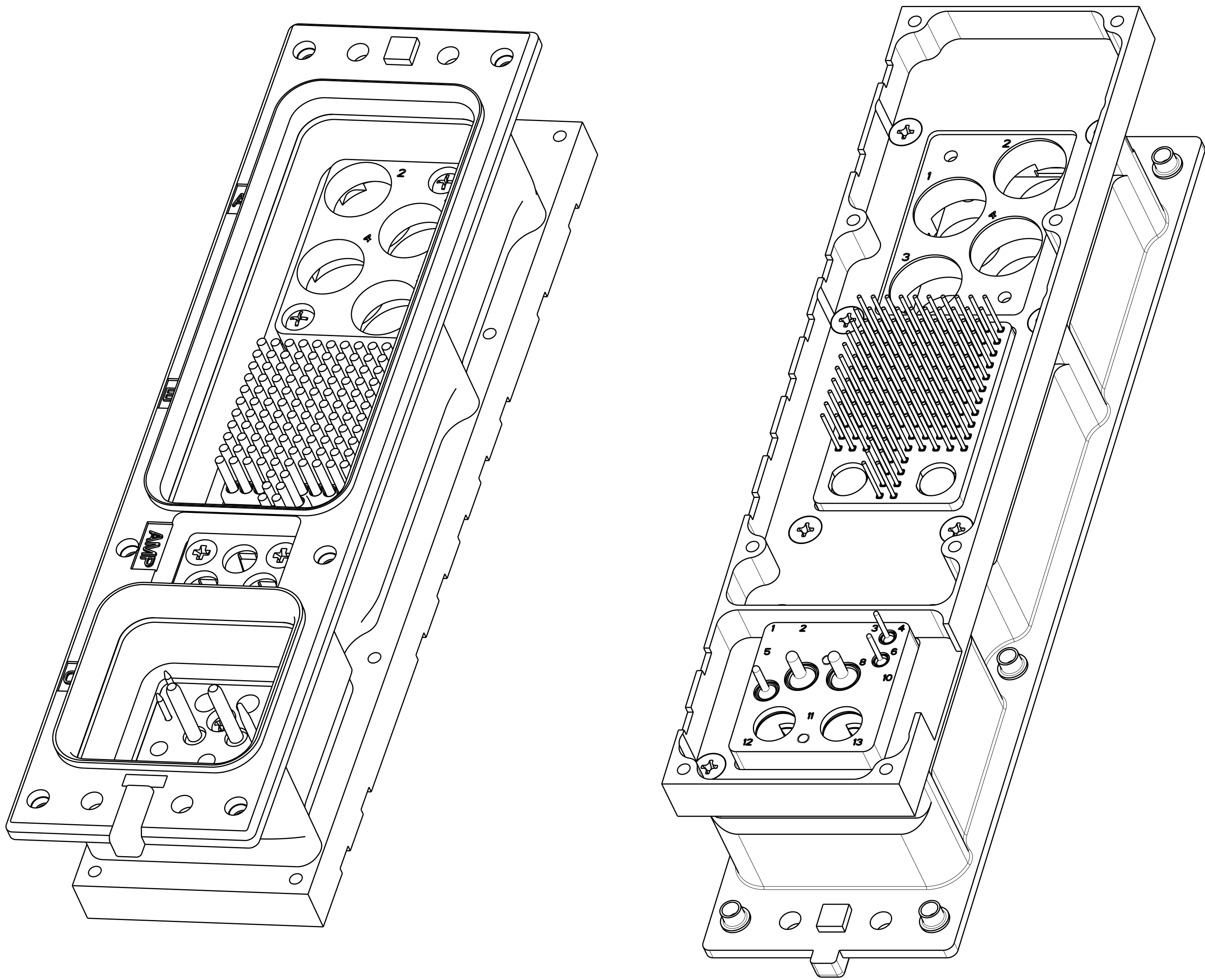
C

B

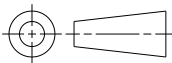
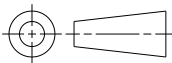
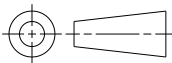
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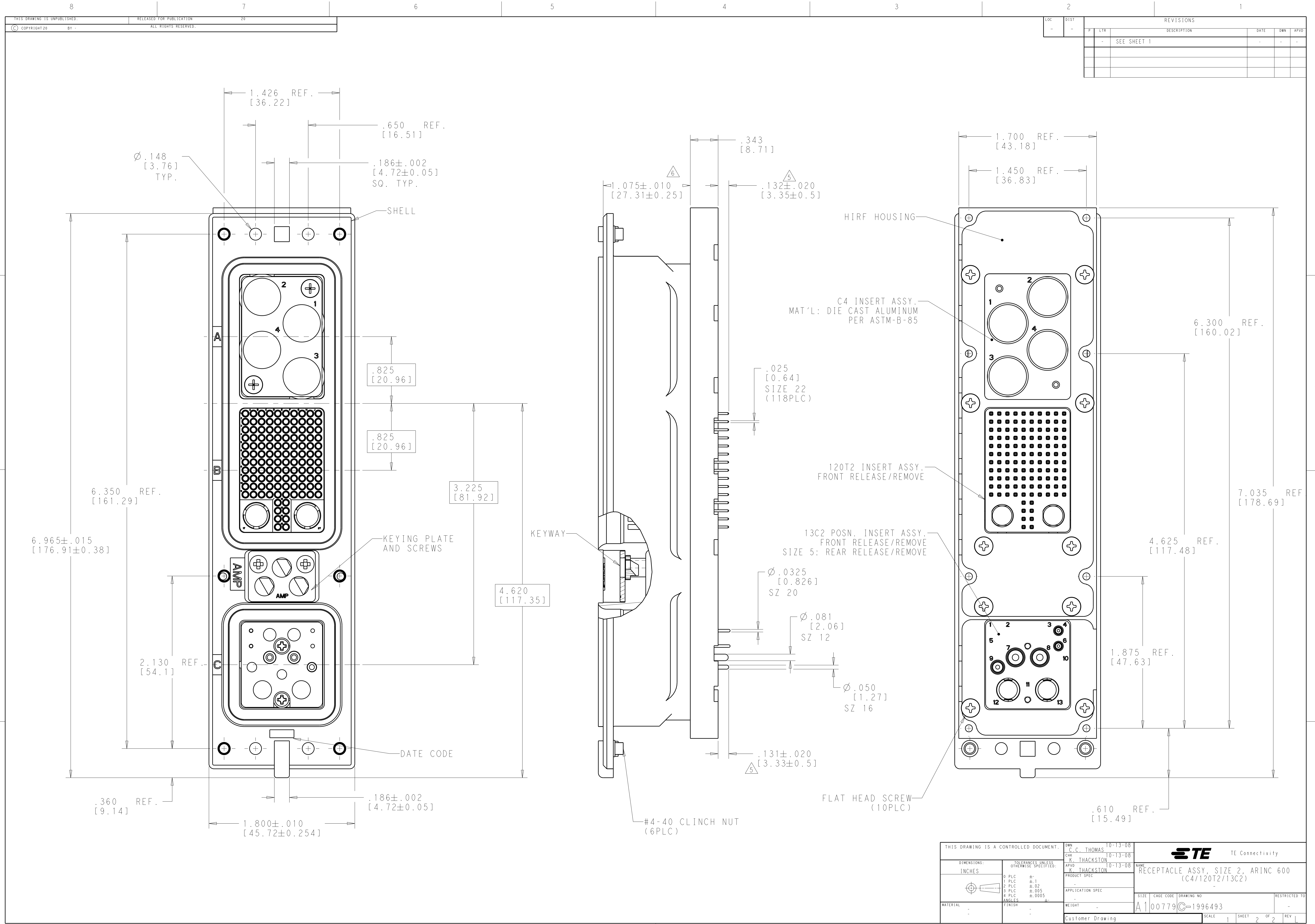
1. CONNECTOR DIMENSIONS ARE PER ARINC 600 SPECIFICATION UNLESS OTHERWISE SPECIFIED.
2. CONNECTOR IS SUPPLIED WITH CNTACTS (PER TABLE) ASSEMBLED AS SHOWN.
3. KEYING SHOWN IN POSITION FOR ILLUSTRATION ONLY. CONNECTORS SHIPPED WITH KEYING INSTALLED IN POSITION PER TABLE.
4. DUST COVER INCLUDED & INSTALLED

- 5 WITH CONTACT FULLY SEATED IN CAVITY.
- 6 THIS DIMENSION IS MEASURED TO THE BACK OF THE SHELL NOT THE HIRF.



COMPONENT	MATERIAL	FINISH
SHELL	DIE CAST ALUMINUM PER ASTM-B-85	ELECTROLESS NICKEL PER MIL-C-26074
HIRF RETENTION PLATES	ALUMINUM ALLOY 6061-T6	ELECTROLESS NI QQ-N-290 .0006 MIN. OVER CU .0002
SCREWS AND LOCK WASHERS	STEEL	ZINC PLATED OVER SUPPLEMENTAL CHROMATE
POLARIZING KEY	ZINC ALLOY PER ASTM-B-209	-
POLARIZING KEY RETAINING PLATE	ALUMINUM ALLOY PER ASTM-B-209	BLUE ANODIZED PER MIL-A-8625
120T2 & 13C2 FRONT INSERT	THERMOSET	-
C4 INSERT	DIE CAST ALUMINUM PER ASTM-B-85.	ELECTROLESS NICKEL PER MIL-C-26074
13C2 REAR INSERT	ALUMINUM ALLOY 6061-T6	ELECTROLESS NICKEL PER MIL-C-26074

"03"	HIRF P/N: 1996857-1; HONEYWELL P/N: 047-50808-0001 MODULE A: NO CONTACTS OR FILLER PLUGS MODULE B: SZ 22 POSTED PIN CONTACT: TE P/N 1-211431-8 (QTY=118 SZ 8 SEALING PLUG: TE P/N 1663983-3 (QTY=2) LOADED IN POSITION 1T & 2T MODULE C: SZ 12 POSTED PIN CONTACT: TE P/N 446548-5 (QTY=2) LOADED IN POSITION 7 & 8 SZ 16 POSTED PIN CONTACT: TE P/N 446547-5 (QTY=1) LOADED IN POSITION 9 SZ 20 POSTED PIN CONTACT: TE P/N 446546-5 (QTY=2) LOADED IN POSITION 4 & 6 POSITION 12 & 13 ARE EMPTY		1996493-1																								
	CONTACTS INCLUDED AND INSTALLED		PART NUMBER																								
	<table><tr><td colspan="2">THIS DRAWING IS A CONTROLLED DOCUMENT.</td><td>DWN C.C. THOMAS 10-13-08</td><td rowspan="2"> TE Connectivity</td></tr><tr><td colspan="2">DIMENSIONS: INCHES</td><td>CHK K. THACKSTON 10-13-08</td></tr><tr><td rowspan="2"></td><td rowspan="2">TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±.02 2 PLC ±.02 3 PLC ±.005 4 PLC ±.0005 ANGLES ±.1 FINISH</td><td>APVD K. THACKSTON 10-13-08</td><td rowspan="2">NAME RECEPTACLE ASSY, SIZE 2, ARINC 600 (C4/120T2/13C2)</td></tr><tr><td>PRODUCT SPEC</td></tr><tr><td rowspan="2">MATERIAL -</td><td rowspan="4">-</td><td>APPLICATION SPEC</td><td rowspan="2">SIZE A1</td></tr><tr><td>WEIGHT -</td></tr><tr><td colspan="2">Customer Drawing</td><td>SCALE 1</td></tr><tr><td colspan="2"></td><td>DRAWING NO 1996493</td><td>RESTRICTED TO -</td></tr></table>			THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C. THOMAS 10-13-08	 TE Connectivity	DIMENSIONS: INCHES		CHK K. THACKSTON 10-13-08		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±.02 2 PLC ±.02 3 PLC ±.005 4 PLC ±.0005 ANGLES ±.1 FINISH	APVD K. THACKSTON 10-13-08	NAME RECEPTACLE ASSY, SIZE 2, ARINC 600 (C4/120T2/13C2)	PRODUCT SPEC	MATERIAL -	-	APPLICATION SPEC	SIZE A1	WEIGHT -	Customer Drawing		SCALE 1			DRAWING NO 1996493	RESTRICTED TO -
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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	-

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MATERIAL	FINISH	Customer Drawing	A100779	C=1996493	RESTRICTED TO
		SCALE	1	SHEET	2 OF 2
		REV	L		