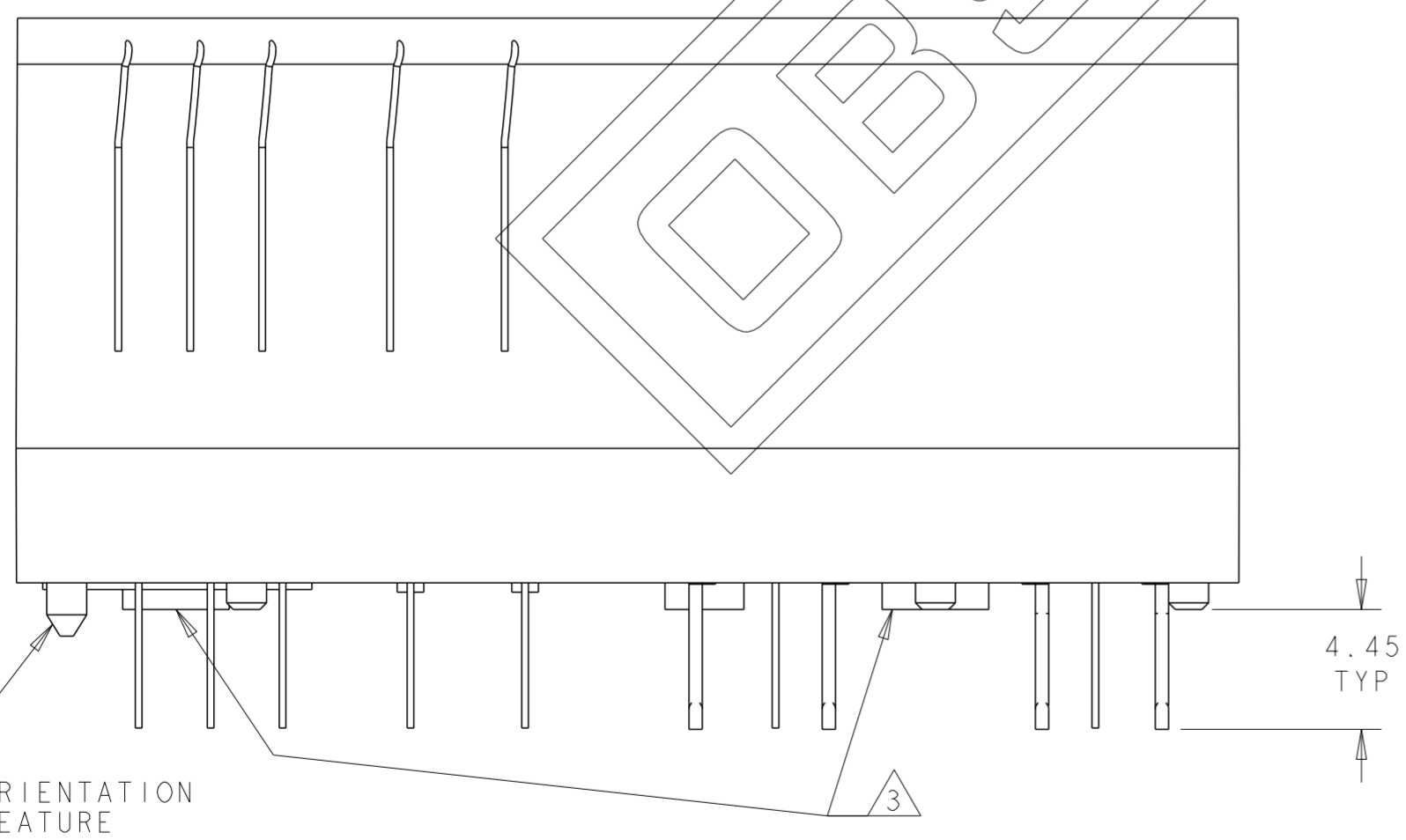
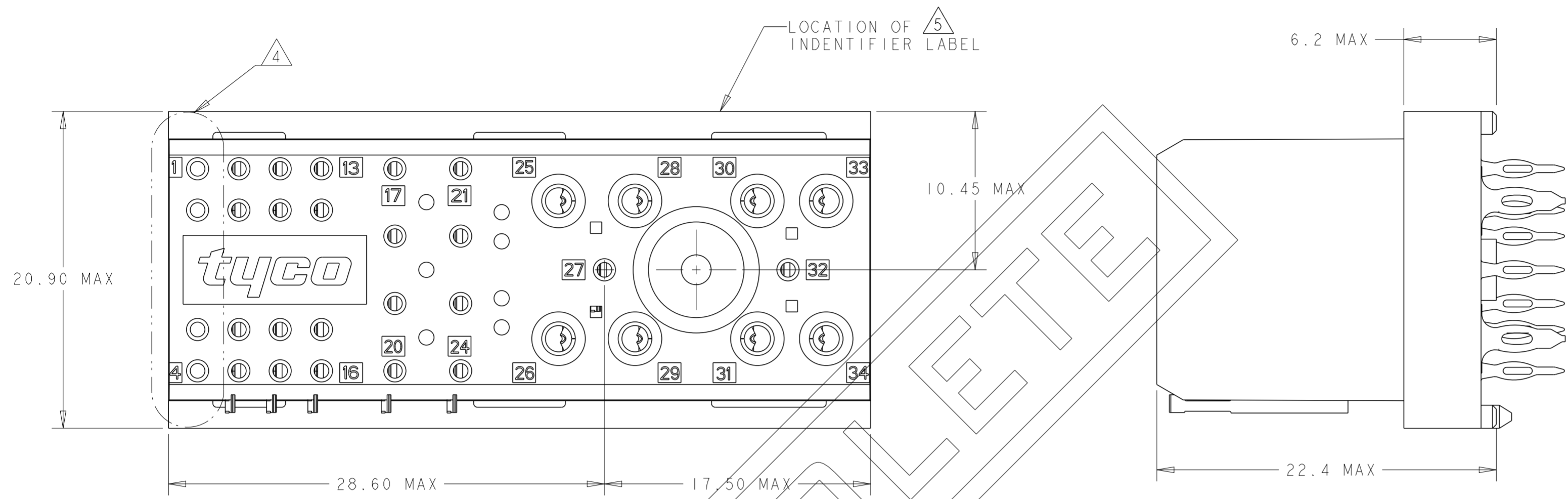


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LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			G1	REV PER ECR-22-125773	23JAN2022	CZ	SH



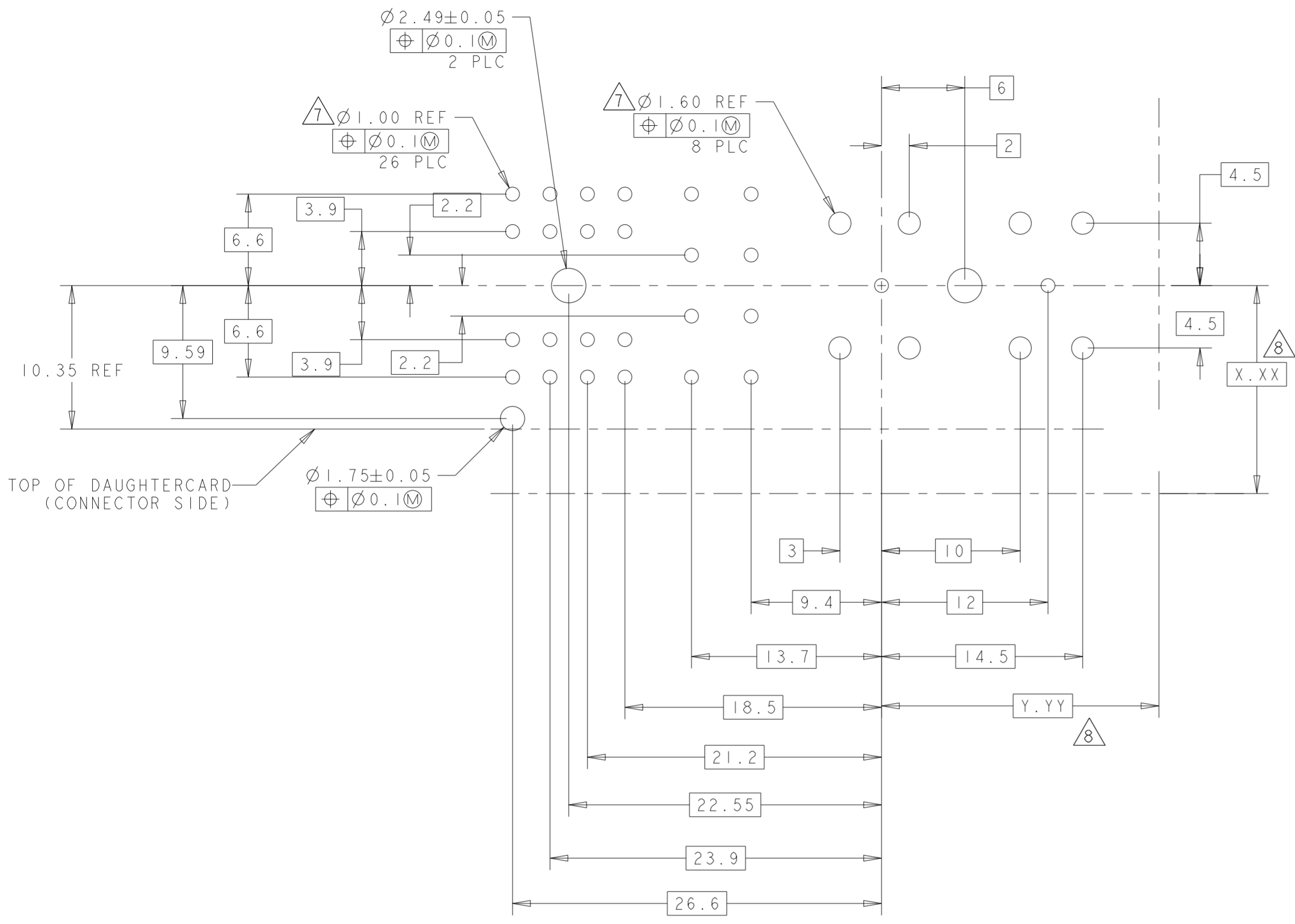
OBSOLETE

OBSOLETE	△0 △3	1766501-6
OBSOLETE	△0 △1 △2	1766501-5
OBSOLETE	△0 △9	1766501-4
OBSOLETE	△0 △2	1766501-3
OBSOLETE	△0 △9	1766501-2
OBSOLETE	△0 △2	1766501-1
	FINISH	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	03JUN2005		STE TE Connectivity			
DIMENSIONS: mm		CHK	03JUN2005					
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	03JUN2005					
0 PLC ± 1 PLC ± 2 PLC ±0.50 3 PLC ±0.250 4 PLC ± ANGLES ± FINISH		PRODUCT SPEC	108-2216		NAME CONNECTOR ASSEMBLY, VERTICAL, BACKPLANE, COMPLIANT PRESS FIT, ADVANCED TCA			
MATERIAL		APPLICATION SPEC	114-13156					
△1 - △2 △9 -		WEIGHT	-		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		Customer Drawing	SCALE 4:1		A2	p0779	C-1766501	-
			SHEET 1 OF 2		REV	G1		

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LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1			



PCB LAYOUT
 VIEWED FROM CONNECTOR SIDE
 SCALE 7:2

12 FINISHES:
 CONTACTS MATING ZONE: GOLD PLATE, 1.27µm MIN THK
 OVER NICKEL 1.27µm MIN THK.
 SOLDER TAILS: TIN PLATED, 1.27µm MIN THK.
 OVER NICKEL 1.27µm MIN THK.

13 FINISHES:
 CONTACTS MATING ZONE: GOLD PLATE, 1.27µm MIN THK
 OVER NICKEL 1.27µm MIN THK.
 SOLDER TAILS: TIN-LEAD PLATED, 1.27µm MIN THK.
 OVER NICKEL 1.27µm MIN THK.

1 MATERIALS:
 INSULATORS: THERMOPLASTIC, GLASS
 REINFORCED, COLOR-GRAY, UL94V-0
 FLAMMABILITY RATED.
 SIGNAL PINS: COPPER ALLOY.
 POWER CONTACTS: HIGH CONDUCTIVITY
 COPPER ALLOY.

2 FINISHES:
 CONTACTS MATING ZONE: GOLD PLATE, 0.76µm MIN THK
 OVER NICKEL 1.27µm MIN THK.
 SOLDER TAILS: TIN PLATED, 1.27µm MIN THK.
 OVER NICKEL 1.27µm MIN THK.

3 OPTIONAL MOUNTING SCREWS (Ø2.0mm x 5.0mm DP) FOR USE WITH SELF TAPPING
 SCREWS (CUSTOMER SUPPLIED).

4 POSITIONS 1-4 NOT POPULATED AND RESERVED FOR FUTURE USE.

5 ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY
 IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL:
 YEAR WEEK



6. GENERAL INFORMATION:

PART NO	SIZE NO	CONTACT QTY	MATING PIN DIA
1766501-1	16 22	8 22	Ø1.60 Ø0.76

7 MANUFACTURING TOLERANCE FOR:
 Ø1.60^{+0.09}_{-0.06} FINISHED HOLE WITH Sn PLATING:
 DRILLED HOLE = Ø1.75±0.025
 COPPER PLATING = 0.025 MIN
 Sn PLATING = 0.008 MIN
 Ø1.00^{+0.09}_{-0.06} FINISHED HOLE WITH Sn PLATING:
 DRILLED HOLE = Ø1.15±0.025
 COPPER PLATING = 0.025 MIN
 Sn PLATING = 0.008 MIN

8 DATUMS AND BASIC DIMENSIONS TO BE ESTABLISHED BY CUSTOMER.

9 FINISHES:
 CONTACTS MATING ZONE: GOLD PLATE, 0.76µm MIN THK
 OVER NICKEL 1.27µm MIN THK.
 SOLDER TAILS: TIN-LEAD PLATED, 1.27µm MIN THK.
 OVER NICKEL 1.27µm MIN THK.

10 CONTACT AREA LUBRICATED WITH BELLCORE
 APPROVED LUBRICANT. TECHNICAL REFERENCE:
 GR-1217-COR, ISSUE1, NOVEMBER 1995

11 PRELIMINARY PART NUMBERS NOT RELEASED FOR PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN L. SIPE 03JUN2005	TE Connectivity														
DIMENSIONS: mm		CHK J. McCLELLAN 03JUN2005															
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 03JUN2005															
<table border="1"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>±</td></tr> <tr><td>2 PLC</td><td>±0.50</td></tr> <tr><td>3 PLC</td><td>±0.250</td></tr> <tr><td>4 PLC</td><td>±</td></tr> <tr><td>ANGLES</td><td>±</td></tr> <tr><td>FINISH</td><td>±</td></tr> </table>		0 PLC	±	1 PLC	±	2 PLC	±0.50	3 PLC	±0.250	4 PLC	±	ANGLES	±	FINISH	±	PRODUCT SPEC 108-2216 APPLICATION SPEC 114-13156 WEIGHT - Customer Drawing	NAME CONNECTOR ASSEMBLY, VERTICAL, BACKPLANE, COMPLIANT PRESS FIT, ADVANCED TCA SIZE A20779 CAGE CODE C-1766501 DRAWING NO - RESTRICTED TO -
0 PLC	±																
1 PLC	±																
2 PLC	±0.50																
3 PLC	±0.250																
4 PLC	±																
ANGLES	±																
FINISH	±																
SCALE 4:1		SHEET 2 OF 2		REV G1													