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LOC	DIST	REVISIONS					
DF	A5	P	LTR	DESCRIPTION	DATE	DWN	APVD
			B	REV PER ECO 09-009084	4-22-09	CT	DM

4

4

1 MATERIAL AND FINISH:  
CONNECTOR SHELL - NICKEL PLATED ALUMINUM  
QUADRAX RETENTION CLIP - SILVER PLATED STAINLESS STEEL  
QUADRAX CONNECTOR - GOLD PLATED COPPER ALLOY AND BRASS, AND THERMOPLASTIC  
PERIPHERAL SEAL - FLUOROSILICONE RUBBER

2. OPERATING TEMPERATURE RANGE:  
-65°C TO +125°C (-85°F TO +257°F)

3. THE CONNECTOR QUALIFICATION WAS COMPLETED PER TYCO ELECTRONICS 108-2199. THE QUADRAX CONTACTS ARE QUALIFIED PER TYCO ELECTRONICS 108-2131. THE REFERENCE TEST REPORTS ARE TYCO ELECTRONICS 501-660 FOR THE CONNECTOR AND 501-574 FOR THE CONTACTS WHICH ARE SAME AS ARINC 600-13, DRAFT 2 OF SUPPLIMENT 14 ( AIR TRANSPORT AVIONICS EQUIPMENT INTERFACES).

4 TE PART NUMBER, (00779), DATE CODE AND TE LOGO OR TE MARKED IN APPROXIMATE AREA SHOWN.

.938 TYP

.594 TYP

.720 TYP

.131 TYP

.19

.385

.818 REF

ALL LEADS SOLDER-DIPPED

.19

.385

.818 REF

M38999 MASTER KEYWAY

PIN 1

A

A

SIZE 8 QUADRAX CONTACT

QUADRAX RETENTION CLIP

PERIPHERAL SEAL

.36

SECTION A - A

.079

.079

.250

.030 (4 PLC)

.039 (2 PLC) GROUND

Rx- 4

Tx+ 1

Rx+ 2

Tx- 3

PCB LAYOUT TOP VIEW

"B" KEY	1877000-3
"A" KEY	1877000-2
"N" KEY	1877000-1
38999 POLARIZATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN R FLAIG 21APR2005	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK L OH 21APR2005	NAME RECEPTACLE, 38999 SERIES III, SIZE 9 PCB MOUNT, SINGLE QUADRAX	
	0 PLC ±	APVD L OH 21APR2005	PRODUCT SPEC	
	1 PLC ±0.1		APPLICATION SPEC	
	2 PLC ±0.01		WEIGHT	
	3 PLC ±0.001		CUSTOMER DRAWING	
	4 PLC ±0.0001		SCALE 3:1	
	ANGLES ±		SHEET 1 OF 1	
MATERIAL	FINISH		REV B	