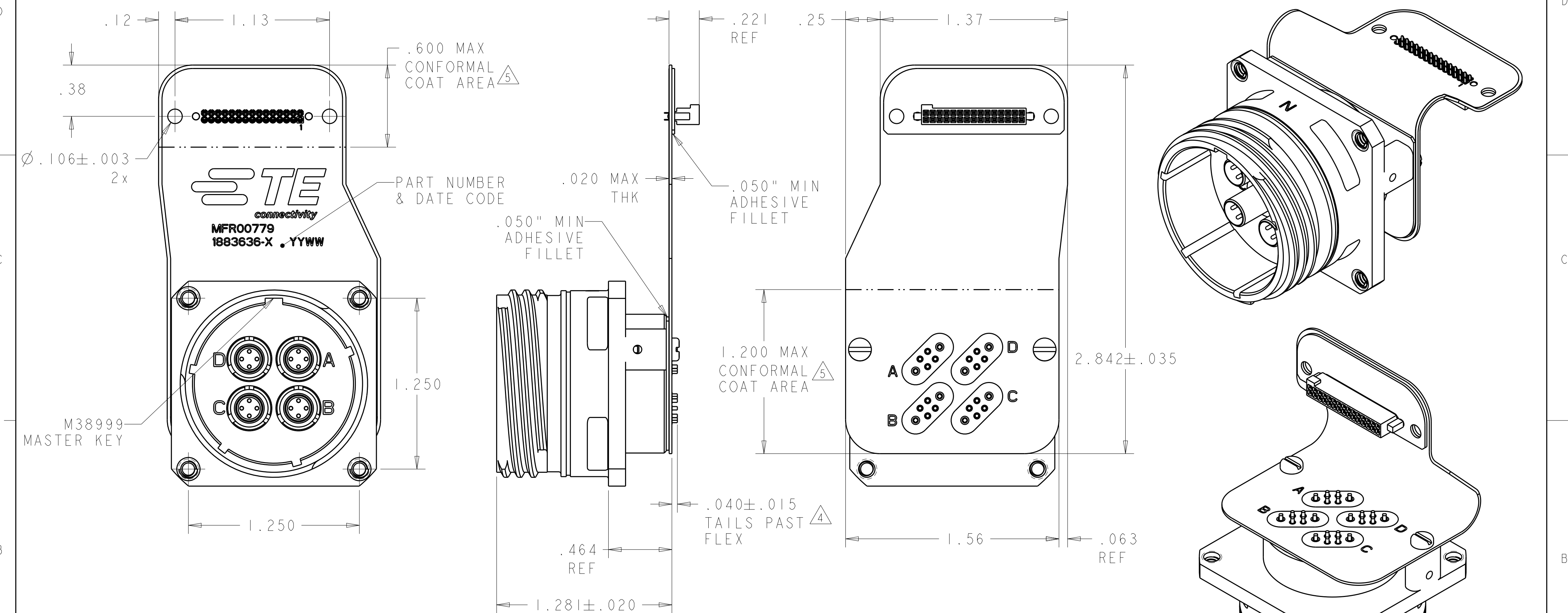


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-		E	REV PER ECO 13-006658	24APR2013	KG	DE



1. MATERIAL & FINISH:
CONNECTOR SHELL - OLIVE DRAB ALUMINUM SHELL
THREAD INSERT (4-40) - PASSIVATED STAINLESS STEEL
QUADRAX RETENTION CLIP - SILVER PLATED STAINLESS STEEL
QUADRAX CONNECTOR - GOLD PLATED COPPER ALLOY AND BRASS, AND THERMOPLASTIC
PERIPHERAL SEAL - FLUROSILICONE, RUBBER
FLEX - KAPTON
PAN HEAD MACHINE SCREW - PASSIVATED STAINLESS STEEL
SAMTEC HEADER - SFM-115-03-S-D-A

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

3. SOLDER QUADRAX AND HEADER TAILS TO FLEX PER IPC-A-610D, CLASS 3.

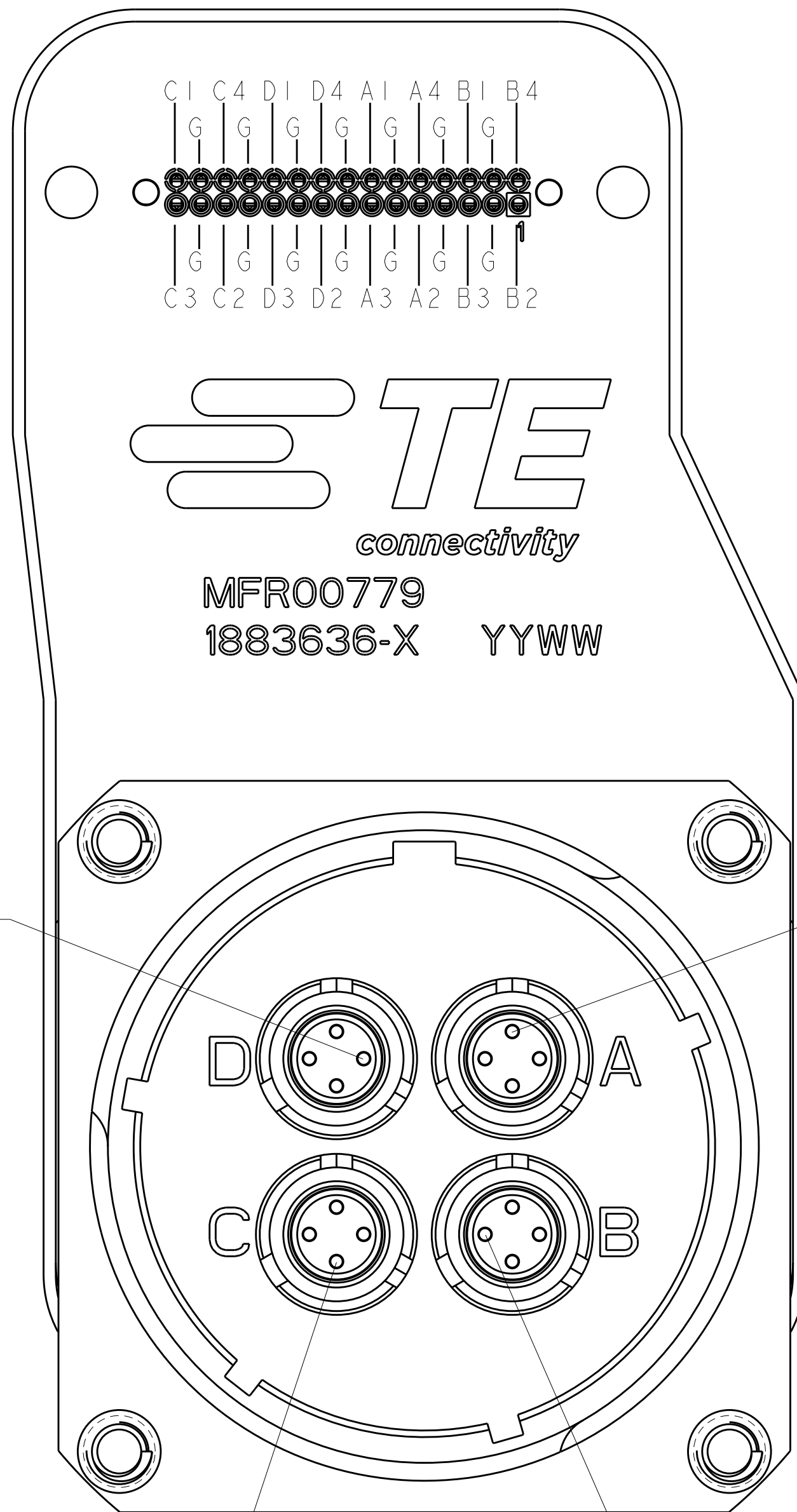
4. FINAL DIMENSION AFTER TRIM.

5. CONFORMAL COAT TO INCLUDING ENTIRE SOLDER TAILS AND SOLDER JOINTS, PER MIL-C-28809.

6. 100% ELECTRICAL TESTING; DC AND IR AT 500V

A	1883636-2
N	1883636-1
M38999 KEY ARRANGEMENT	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN R FLAIG 18SEP2006	TE Connectivity	
DIMENSIONS: INCHES		CHK L OH 18SEP2006		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD L OH 18SEP2006	NAME ASSY, FLEX, SIZE 21, 404, M38999 STYLE, SERIES 111	
0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±. ANGLES ±1°		PRODUCT SPEC -	SIZE A200779	
MATERIAL -		APPLICATION SPEC -	CAGE CODE C-1883636	
		WEIGHT -	DRAWING NO -	
		CUSTOMER DRAWING	RESTRICTED TO -	
		SCALE 2:1	SHEET 1 OF 2	
			REV E	



PIN NUMBER	SIGNAL ALLOCATION
1	$T_x +$
2	$R_x +$
3	$T_x -$
4	$R_x -$

PIN LOCATIONS
GO CLOCKWISE
FROM POSITION 1

PIN C-1 SCALE 4:1 PIN B-1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN R FLAIG 18SEP2006		 TE Connectivity					
DIMENSIONS: INCHES		CHK 1 OH 18SEP2006							
		APVD 1 OH 18SEP2006		NAME ASSY, FLEX, SIZE 21, 4Q4, M38999 STYLE, SERIES III					
		TOLERANCES UNLESS OTHERWISE SPECIFIED:							
		0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±. ANGLES ±1°		PRODUCT SPEC -		SIZE CAGE CODE DRAWING NO RESTRICTED TO			
		MATERIAL		APPLICATION SPEC -					
FINISH		WEIGHT -		A200779		C-1883636		-	
CUSTOMER DRAWING				SCALE 2:1		SHEET 2 OF 2		REV F	