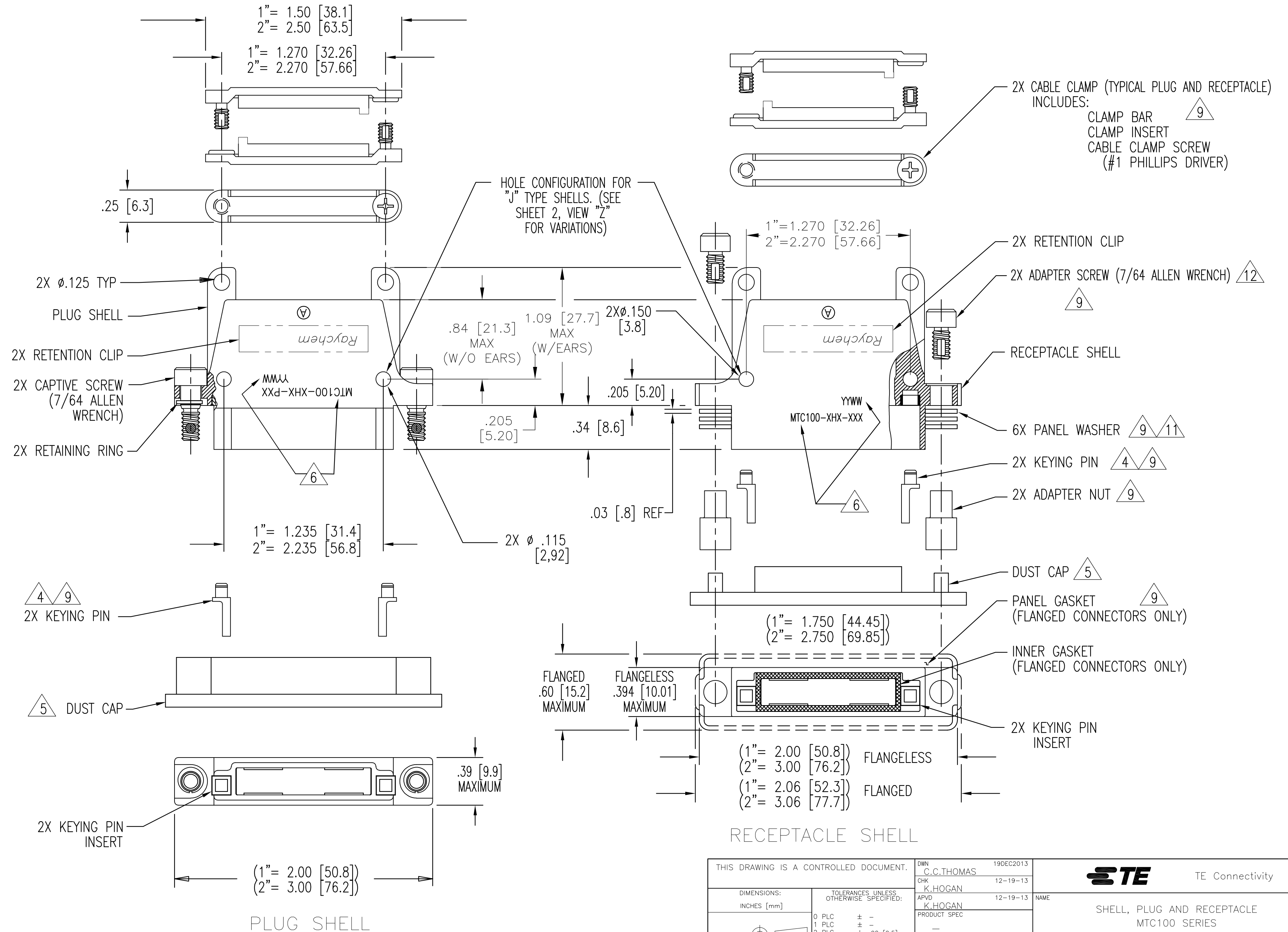


P	LTR	DESCRIPTION	DATE	DWN	APVD
	W	REV PER ECO 13-019993	12-19-13	CT	KH



E

8:01 am

3. FINISH:	APPLIES TO NICKEL PLATED CONNECTORS	APPLIES TO CADMIUM PLATED CONNECTORS	APPLIES TO BLACK ANODIZED CONNECTORS
A) SHELL	NICKEL PLATED PER SAE-AMS-C-26074 CLASS 3, GRADE B	CADMIUM PLATED PER SAE-AMS-QQ-P-416 OVER NICKEL UNDERPLATE	BLACK ANODIZED PER MIL-A-8625, TYPE II, CLASS 2
B) RETENTION CLIP	NICKEL PLATED PER SAE-AMS-C-26074 CLASS 2, .00002 MINIMUM	CADMIUM PLATED PER SAE-AMS-QQ-P-416	NICKEL PLATED PER SAE-AMS-C-26074 CLASS 2, .00002 MINIMUM
C) ADAPTER OR CAP SCREW	PASSIVATED PER SAE-AMS-2700	CADMIUM PLATED PER SAE-AMS-QQ-P-416	PASSIVATED PER SAE-AMS-2700
D) ADAPTER NUT OR RETAINER BUSHING	PASSIVATED PER SAE-AMS-2700	CADMIUM PLATED PER SAE-AMS-QQ-P-416	PASSIVATED PER SAE-AMS-2700
E) PANEL OR LOCK WASHER	PASSIVATED PER SAE-AMS-2700	CADMIUM PLATED PER SAE-AMS-QQ-P-416	PASSIVATED PER SAE-AMS-2700
F) CLAMP BAR	PASSIVATED PER SAE-AMS-2700	CADMIUM PLATED PER SAE-AMS-QQ-P-416	PASSIVATED PER SAE-AMS-2700
G) CAPTIVE SCREW	PASSIVATED PER SAE-AMS-2700	CADMIUM PLATED PER SAE-AMS-QQ-P-416	PASSIVATED PER SAE-AMS-2700
H) RETAINING RING	NICKEL PLATED PER SAE-AMS-C-26074	CADMIUM PLATED PER SAE-AMS-QQ-P-416	NICKEL PLATED PER SAE-AMS-C-26074

12 RECEPTACLE ADAPTER SCREWS (CAP SCREWS) ARE TO BE TORQUED TO 15±1 INCH-LBS (1.0±0.07 N-M)

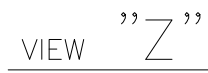
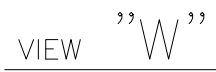


TABLE III		
PANEL THICKNESS	NUMBER OF PANEL WASHERS FOR EACH FASTENER	
0.031/0.036 [0.8]/[0.9]	2	
0.062/0.067 [1.5]/[1.7]	1	
0.093/0.097 [2.3]/[2.4]	0	

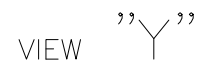


TABLE I (MODIFICATIONS)	
MODIFICATION DASH NUMBER	DESCRIPTION
—001	SAME AS STANDARD ASSEMBLY WITH EARS EXCEPT WITHOUT CABLE CLAMPS
—007	SAME AS STANDARD ASSEMBLY EXCEPT METAL PARTS ARE PLATED CADMIUM OVER NICKEL, SUPPLIED WITH MTC50 MOUNTING/ MATING HARDWARE (SEE VIEW "Y")
—014	SAME AS STANDARD EXCEPT ADDITIONALLY TRIANGULAR KEYING PINS INCLUDED (SEE VIEW "W")
—020	SAME AS STANDARD EXCEPT SUPPLIED WITH MTC50 MOUNTING/MATING HARDWARE (SEE VIEW "Y")
—028	SAME AS STANDARD ASSEMBLY EXCEPT SUPPLIED WITHOUT HARDWARE

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN C.C.THOMAS 19DEC2013		 TE Connectivity						
DIMENSIONS: INCHES [mm]		CHK K.HOGAN 12-19-13									
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD K.HOGAN 12-19-13		NAME SHELL, PLUG AND RECEPTACLE MTC100 SERIES					
		0 PLC ± -		PRODUCT SPEC -							
		1 PLC ± -		APPLICATION SPEC -							
		2 PLC ± .02 [0.5]		-							
3 PLC ± .005 [0.13]		4 PLC ± -		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO			
ANGLES ± -		FINISH		WEIGHT -		A2 00779 C-MTC100-XXH-XXX-XXX		-			
MATERIAL -		-		CUSTOMER DRAWING					SCALE NTS	SHEET 2 of 3	REV W

D

D

C

C

B

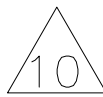
B

A

A

THE FOLLOWING TABLE CONSISTS OF WEIGHTS
FOR THESE SPECIFIC PART NUMBERS.

TABLE II 	
PART NUMBER	WEIGHT MAXIMUM GRAMS
MTC100-JH1-F32	30.8
MTC100-JH1-P32	23.8
MTC100-JH1-R32	27.3
MTC100-JH2-F32	43.7
MTC100-JH2-P32	34.2
MTC100-JH2-R32	38.3
MTC100-SH1-F33	24.2 *
MTC100-SH1-P33	16.1 *
MTC100-SH1-R33	20.3 *
MTC100-SH2-F33	32.3 *
MTC100-SH2-P33	22.7 *
MTC100-SH2-R33	27.0 *

TABLE 4 	
PART NUMBER	WEIGHT MAXIMUM GRAMS
MTC100-JH1-F22	30.8
MTC100-JH1-P22	23.8
MTC100-JH1-R22	27.3
MTC100-JH2-F22	43.7
MTC100-JH2-P22	34.2
MTC100-JH2-R22	38.3
MTC100-SH1-F23	24.2 *
MTC100-SH1-P23	16.1 *
MTC100-SH1-R23	20.3 *
MTC100-SH2-F23	32.3 *
MTC100-SH2-P23	22.7 *
MTC100-SH2-R23	27.0 *

* = WEIGHT DOES NOT INCLUDE CABLE CLAMP

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

C.C.THOMAS

19DEC2013

CHK

K.HOGAN

12-19-13

APVD

K.HOGAN

12-19-13

PRODUCT SPEC

—

APPLICATION SPEC

—

WEIGHT

—

CUSTOMER DRAWING

SCALE NTS

SHEET 3 of 3

REV W

TE Connectivity

NAME

SHELL, PLUG AND RECEPTACLE
MTC100 SERIES

SIZE

A2

CAGE CODE

00779

DRAWING NO

MTC100-XHX-XXX-XXX

RESTRICTED TO

—

MTC100-XHX-XXX-XXX