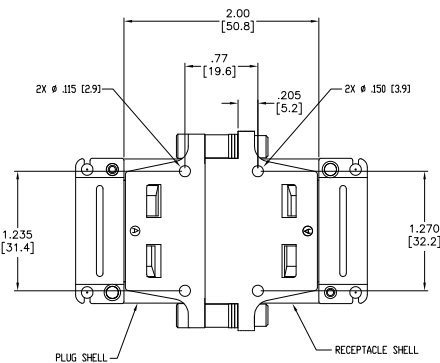
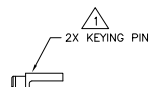
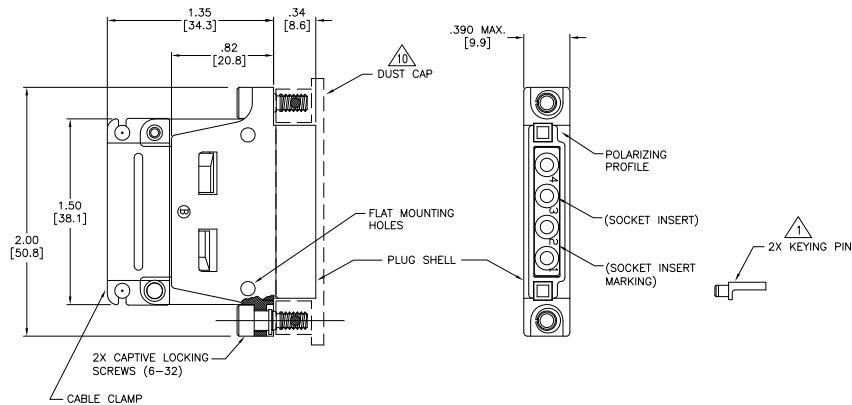
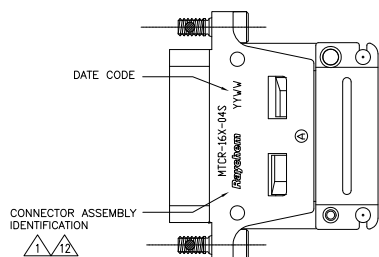


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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
F	REVISED PER ECN T-19858	2/14/95	R.H.
F1	PER ECO-11-016179	Aug/8/2011	M.HIGGY



FLAT MOUNTING INFORMATION



IDENTIFICATION VIEW

TABLE II		
KEYING CODE CHART		
PART NUMBERS	POSITION OF KEYS	
MTCR-16X-04S	-A A-	
	-A B-	
	-A C-	
	-A D-	
	-B A-	
	-B B-	
	-B C-	
	-B D-	
	-C A-	
	-C B-	
	-C C-	
	-C D-	
	-D A-	
	-D B-	
	-D C-	
	-D D-	

TABLE I			
SOCKET CONTACT AND TOOLING INFORMATION			
CONTACT TYPE	MILITARY P/N	WIRE STRIP LENGTH	TERMINATION TOOL
SHIELDED CONTACT FOR COAX CABLE D-602-0107 OR D-602-0095	—	SEE DRAWING D-602-0107 OR D-602-0095	SEE DRAWING D-602-0107 OR D-602-0095
CONTACT FOR TWISTED PAIR D-602-0105	—	SEE DRAWING D-602-0105	SEE DRAWING D-602-0105
POWER CONTACT SIZE 12	M39029/5 12-12	1/4" TO 5/16"	M22520/1-01 POSITIONER M22520/1-02

NOTES:

- KEYING CODE DOES NOT FORM A PART OF RAYCHEM PART NUMBER SYSTEM AND SHOULD BE OMITTED WHEN ORDERING. KEYING PINS SUPPLIED UN-INSTALLED. SEE TABLE II FOR KEYING POSITIONS.
- COMPLETE CONNECTORS AND ACCESSORIES ARE INDIVIDUALLY BAGGED AND LABELED.
- CONNECTOR IS ENVIRONMENTAL SEALED MEETING THE REQUIREMENTS PER CONNECTOR SPECIFICATION D-6015.
- REAR GROMMET INSERT WILL SEAL ON SMOOTH INSULATION FROM .097" TO .158" O.D.
- CONNECTOR DESIGNED FOR USE WITH POWER AND SHIELDED CONTACTS PER TABLE I.
- INSERTS ARE PERMANENTLY INSTALLED. CONTACTS MAY BE INSERTED AND REMOVED USING TOOL PER NOTE 9.
- ALL UNUSED CAVITIES TO BE SEALED USING SEALING PLUG NUMBER MS 27488-12.
- ALL CONTACT SIZE 12 ARE INSERTED AND REMOVED USING TOOL NUMBER M81969/14-04.
- REFER TO RAYCHEM SPECIFICATION D-6015 FOR COMPLETE DETAILS.

- CONNECTOR SUPPLIED WITH A SHIPPING DUST CAP OVER ENGAGING END.
- CONNECTOR MATING REQUIREMENTS: 9 IN. LBS. FOR TORQUE FOR CAPTIVE LOCKING SCREW.

PART NUMBER:
MTCR-16X-04S

- 1 = NICKEL PLATED PER MIL-C-26074
- 3 = CADMIUM PLATED PER QQ-P-416 OVER NICKEL UNDERPLATE

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Raychem MTC
CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS. DECIMALS .XXX ± .005 [.13mm] .XX ± .02 [.5mm] ANGLES .X ± WEIGHT:	DRAWN	ZS.ORBAN	JUL/29/2011		TITLE 1 INCH CONNECTOR, PLUG, RECTANGULAR ENVIRONMENTAL, FIXED SOCKET INSERT-ONE MTC SERIES
	CHECKED				
	APPROVED	M.HIGGY	JUL/29/2011		
	APPROVED				
	CAD NAME MTCR-16X-04S			SIZE	CAGE CODE: C 06090
	THIRD ANGLE PROJECTION			DWG. NO.	MTCR-16X-04S
				REV	F1
				SCALE: NONE SHEET 1 OF 1	

DWG NO. MTCR-16X-04S SHEET 1

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[699886-000](#) [D250-50632](#) [70.400.3240.0](#) [70.955.2453.3](#) [733753-000](#) [F22831-000](#) [780-522-DPX34RG8-02](#) [8660-501](#) [87.060.0053.0](#)
[900709N001](#) [928358-1](#) [D-659-0061](#) [1-445717-6](#) [1484469-2](#) [1604997-2](#) [MTC100-BF1-P31CS015](#) [MTC100-KT2-0083](#) [MTC100-KT2-0123-](#)
[003](#) [MTC100-YA1-005](#) [MTCQKT1R2PGCA](#) [MTCR-103-04S](#) [MTCX1X-100-100CS025](#) [1738331-1](#) [1757667-1](#) [1811481-1](#) [1883433-1](#)
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[0017-003](#) [CHA-0296](#) [354654-000](#)