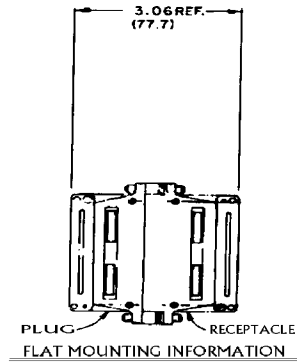
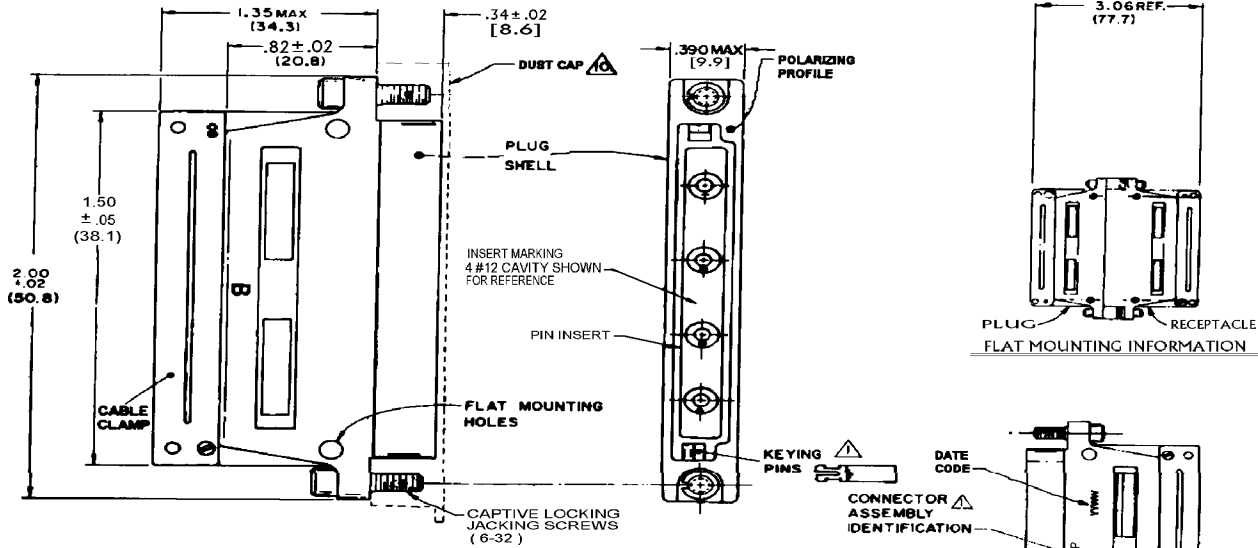


ZONE		REVISIONS		DATE	APPROVED
E	REVISED & REDRAWN PER ECN T-19803			1-24-95	R.H.
F	REVISED PER DCR# T-22669			3/10/99	M.HIGGY

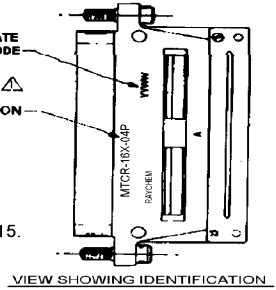


SOCKET CONTACT AND TOOLING INFORMATION

TABLE 1			
CONTACT TYPE	MILITARY PART NO.	WIRE STRIP LENGTH	TERMINATION TOOL
SHIELDED CONTACT FOR D-602-0094 OR D-602-0106		SEE DRAWING D-602-0094 OR D-602-0106	SEE DRAWING D-602-0094 OR D-602-0106
CONTACT FOR TWISTED PAIR D-602-0104		SEE DRAWING D-602-0106	SEE DRAWING D-602-0104
POWER CONTACT SIZE 12	M39029/4-12-12	1/4" TO 5/16"	M22520/1-01 POSITIONER M22520/1-02

TABLE II KEYING CODE CHART

PART NUMBER	POSITION OF KEYS
MTCR-16X-04P-	AA
	AB
	AC
	AD
	BA
	BB
	BC
	BD
	CA
	CB
	CC
	CD
	DA
	DB
	DC
MTCR-16X-04P-	DD



NOTES:

- KEYING CODE DOES NOT FORM A PART OF RAYCHEM PART NUMBER SYSTEM AND SHOULD BE OMITTED WHEN ORDERING. KEYING PINS SUPPLIED UNINSTALLED. SEE TABLE II FOR KEYING POSITIONS.
- COMPLETE CONNECTORS AND ACCESSORIES ARE INDIVIDUALLY BAGGED AND LABELED.
- CONNECTOR IS ENVIROMENTALLY 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 8.
- ALL UNUSED CAVITIES TO BE SEALED USING SEALING PLUG NUMBER M83723-28-12.
- ALL CONTACTS SIZE 12 ARE INSERTED AND REMOVED USING TOOL NUMBER M83723-31-12.
- 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. TORQUE FOR CAPTIVE LOCKING SCREWS.

12. PART NUMBER VARIABLE: MTCR-16X-04P

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

If this document is printed it becomes uncontrolled. Check with the web for latest revision.

SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.	DRAWN	CSB	5-26-77	
DEC .XXX ± .005	CHECKED	J.BLAIR	5-26-77	
DEC .XX ± .02	APPROVED	J.BLAIR	5-26-77	
ANGLE ± .02	APPROVED	K.CARMEN	5-26-77	
MATERIAL:	CAD NAME	T22669.TIF		TITLE
FINISH:	PART NUMBER			CONNECTOR, PLUG, RECTANGULAR ENVIRONMENTAL, FIXED PIN INSERT-ONE INCH MTC SERIES
	PROJECT	648-7862		SIZE
				A
				CODE IDENT
				06090
				DWG. NO.
				MTCR-16X-04P
				SCALE
				SECRET
				SHEET 1 OF 1