

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
E		REVISED & REDRAWN PER ECN T-19803	1-24-98	R.H.
F		REVISED PER DCR# T-22669	3/10/99	M.HIGGY

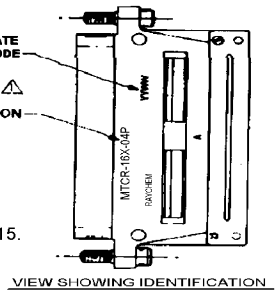
SOCKET CONTACT AND TOOLING INFORMATION

TABLE I			
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	
	DD	
	MTCR-16X-04P-	

- 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 ENVIRONMENTALLY 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.
  - PART NUMBER VARIABLE: MTCR-16X-04P
    - 1= NICKEL PLATED PER MIL-C-26074
    - 3=CADMIUM PLATED PER QQ-P-416 OVER NICKEL UNDERPLATE.



SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.		DRAWN	CRB	5-26-77	Raychem
DEC .XXX ± .005		CHECKED	J. BLAIR	5-26-77	
DEC .XX ± .02		APPROVED	J. BLAIR	5-26-77	TITLE
ANGLE ±		APPROVED	J. CAMERON	5-26-77	CONNECTOR, PLUG, RECTANGULAR ENVIRONMENTAL, FIXED PIN INSERT-ONE INCH MTC SERIES
MATERIAL:		CAD NAME	T22669.TIF		
FINISH:		PART NUMBER		SIZE	CODE IDENT
		PROJECT	048-7942	A	06090
				DWG. NO.	MTCR-16X-04P
				SCALE	
				REPORT	
				SHEET	1 OF 1

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