

REVISIONS		DATE	APPROVED
ZONE	LTR	DESCRIPTION	
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
	EA
	EB
	EC
	ED
	CA
	CB
	CC
	CD
	DA
	DB
	DC
MTCR-16X-04P-	DD

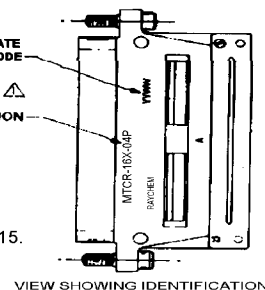
NOTES:

- 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 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.

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VIEW SHOWING IDENTIFICATION

SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS. DEC .XXX ± .005 DEC .XX ± .02 ANGLE ± .02	DRAWN	CSE	5-26-77
	CHECKED	J.B.A.R.	5-26-77
	APPROVED	J.B.A.R.	5-26-77
	APPROVED	K.C.A.R.	5-26-77
MATERIAL: FINISH: PROJECT	CAD NAME	T22669.TIF	
	PART NUMBER		
	DATE	048-7862	
	PROJECT		
Raychem			
TITLE CONNECTOR, PLUG, RECTANGULAR ENVIRONMENTAL, FIXED PIN INSERT-ONE INCH MTC SERIES			
SIZE A		CODE IDENT 06090	DWG. NO. MTCR-16X-04P
SCALE		REPORT	SHEET 1 OF 1

Mouser Electronics

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