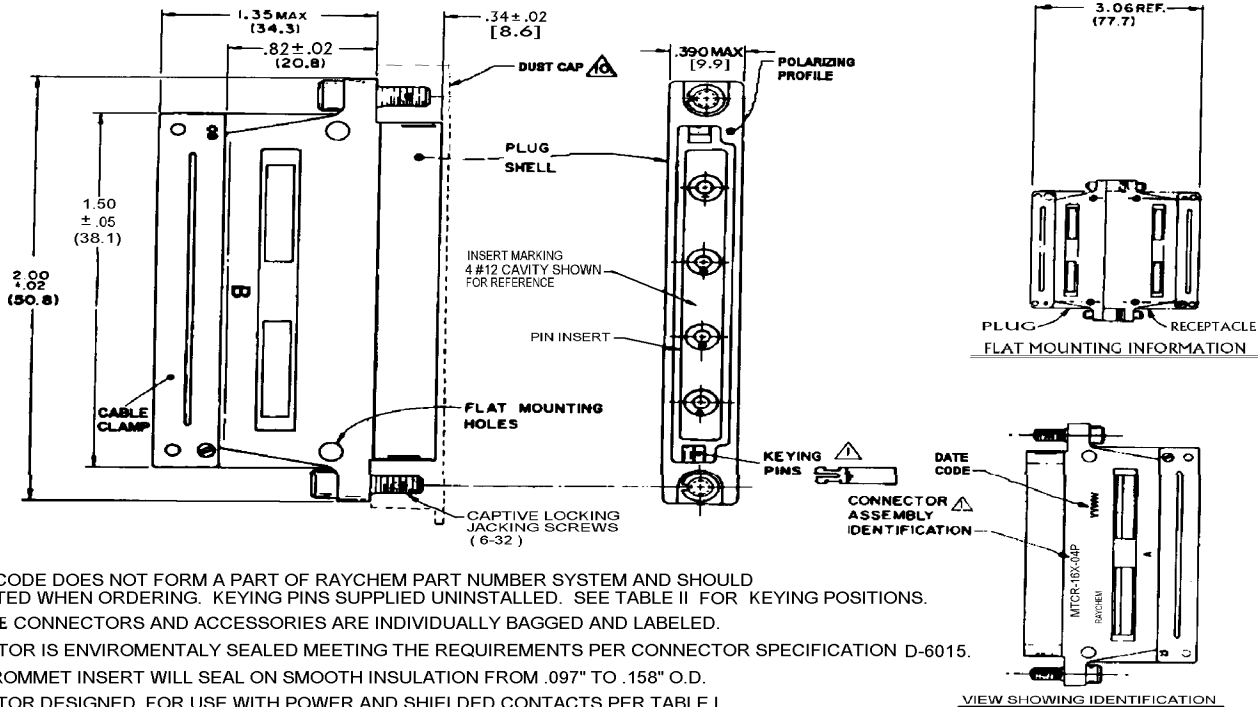




REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
E		REVISED & REDRAWN PER ECN T-19803	1-24-95	R.H.
F		REVISED PER DCR# T-22669	3/10/99	M.HIGGY

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
	EA
	EB
	EC
	ED
	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 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.
- 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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Check with the web for latest revision.

SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.	DRAWN	CSE	5-26-77
	CHECKED	J.B.LAR	5-26-77
	APPROVED	J.B.LAR	5-26-77
	APPROVED	K.CARRON	5-26-77
DEC .XXX DEC .XX ANGLE	± .005 ± .02 ±	CAD NAME	T22669.TIF
MATERIAL:	PART NUMBER	PROJECT	648-7862
FINISH:	DATE	SCALE	1:1

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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