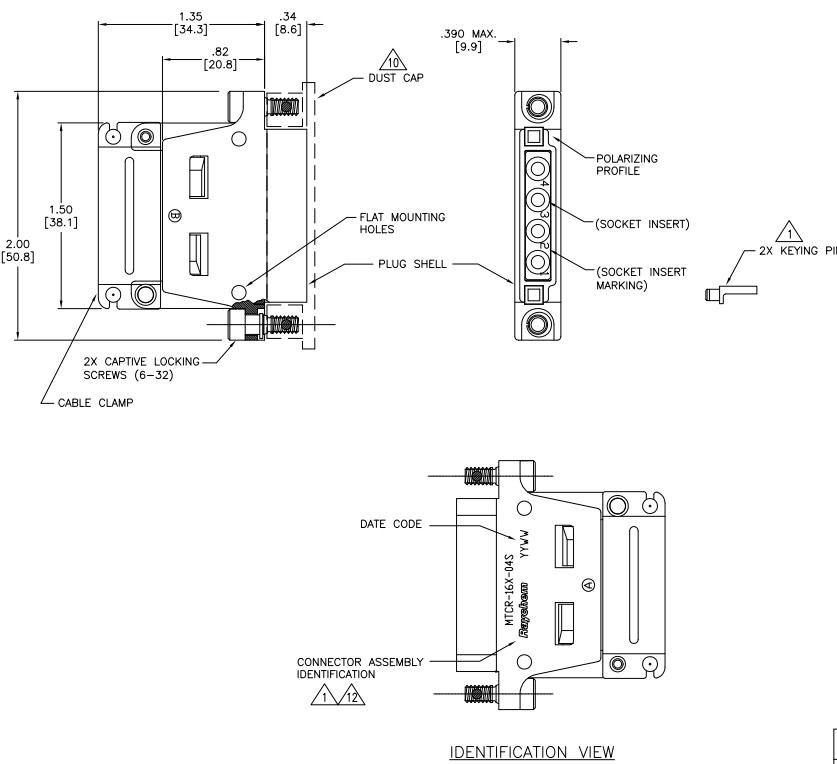


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REVISIONS

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



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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.

11. 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

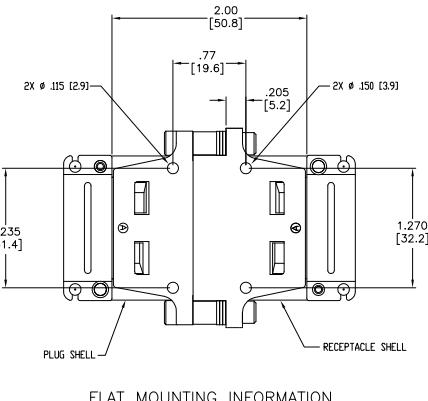


TABLE I

SOCKET CONTACT AND TOOLING INFORMATION			
CONTACT TYPE	MILITARY P/N	WIRE STRIP LENGTH	TERMINATION TOOL
SHIELDED CONTACT FOR CDAX 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

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

TE TE Connectivity

1 INCH CONNECTOR, PLUG, RECTANGULAR
ENVIRONMENTAL, FIXED SOCKET INSERT-ONE
MTC SERIES

DWG. NO. MTCR-16X-04S

REV F1

Mouser Electronics

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