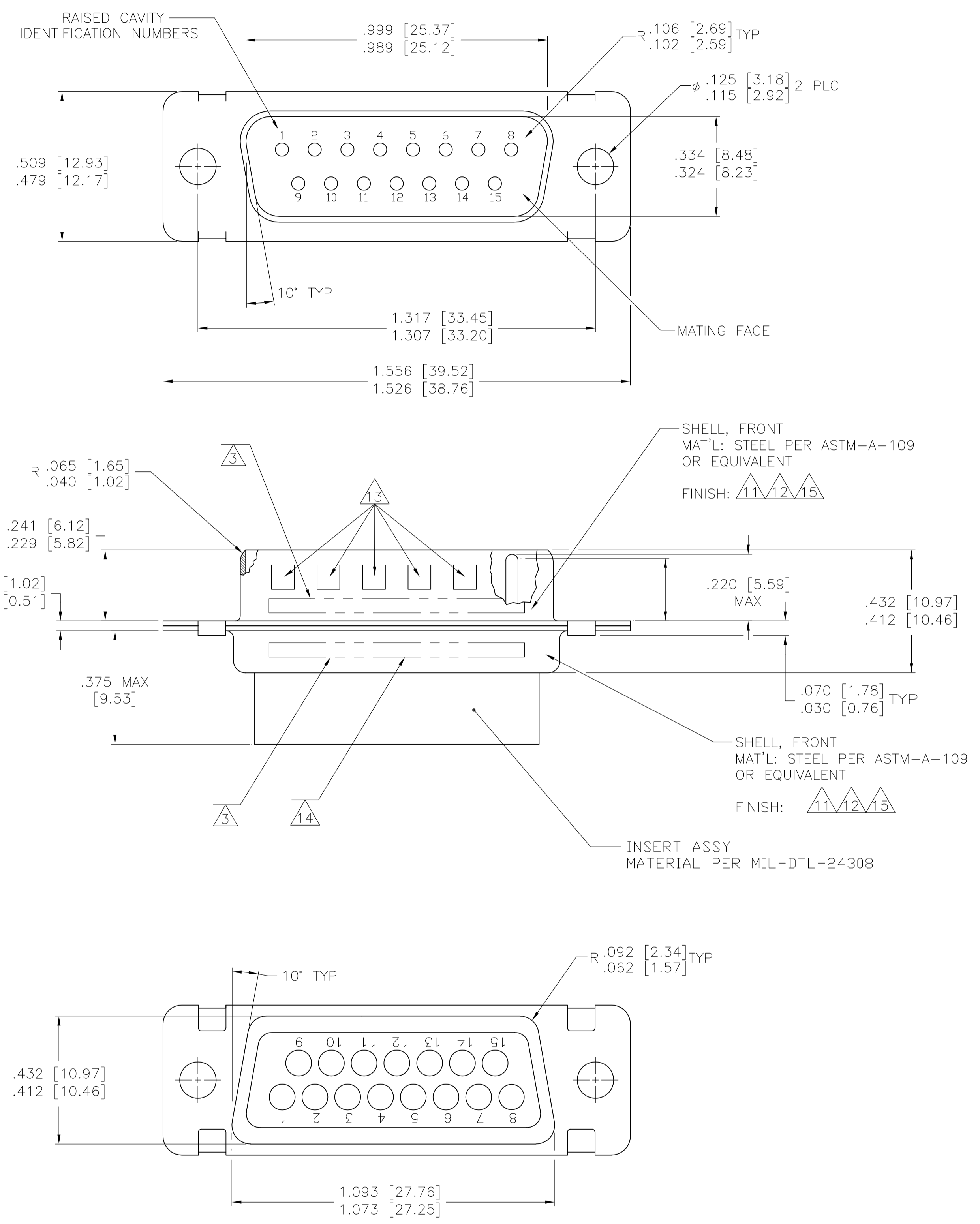


REVISONS		DATE	DWN	APVD
LOC	DIST	DESCRIPTION		
V	REV PER ECO-15-016062		10NOV15	KG CD



- THIS CONNECTOR ASSEMBLY IS SUPPLIED WITH METAL CONTACT RETENTION CLIPS INSTALLED IN THE INSERT ASSEMBLY.
- THIS CONNECTOR ASSEMBLY MEETS THE REQUIREMENTS OF MIL-C-24308 AND MATES WITH ANY RECEPTACLE CONNECTOR WITH THE SAME INSERT ARRANGEMENT.
- THE PART NUMBER MARKED ON THE CONNECTOR MAY DIFFER FROM THE PART NUMBER ORDERED DUE TO THE MARKING REQUIREMENTS OF MIL-C-24308/4 (PART NUMBER MARKED ON CONNECTOR REPRESENTS CONNECTOR ASSEMBLY WITH CONTACTS). MARK WITH .047 [1.19]-.062 [1.57] HIGH CHARACTERS. FAR SIDE REFERS TO THE WIDE SIDE OF THE KEYSTONE. NEAR SIDE REFERS TO THE NARROW SIDE OF THE KEYSTONE. MARKING SHALL BE LOCATED AS FOLLOWS:
 - "M24308" ON FRONT SHELL, FAR SIDE.
 - SLASH SHEET AND DASH NUMBER ON REAR SHELL, FAR SIDE.
 - "MFG'S NAME, BRAND OR LOGO" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
 - MFG'S PART NUMBER ON REAR SHELL, NEAR SIDE.
- FULL PIN DIAMETER EXTENSION IS .164 [4.17] MIN. CONTACT NOT INCLUDED - SHOWN FOR DIMENSIONAL REFERENCE ONLY.
- THIS CONNECTOR ASSEMBLY IS DESIGNED TO ACCEPT SIZE 20 CRIMP TYPE PIN CONTACT MILITARY PART NUMBER M39029/64-369 (MFG'S PART NUMBER 205089-1). FOR ALTERNATE CONTACT OPTIONS CONSULT TE CONNECTIVITY CATALOG.
- MAXIMUM WIRE INSULATION TO BE USED WITH THIS CONNECTOR ASSEMBLY IS .072 [1.83] DIAMETER.
- FOR CONTACT CRIMPING INSTRUCTION SHEET REFER TO TE CONNECTIVITY IS 7516. FOR CONTACT INSTALLATION AND REMOVAL INSTRUCTION SHEET REFER TO TE CONNECTIVITY IS 7508.
- PART NUMBER FOR ORDERING.
- DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982.
- THIS DRAWING SHALL BE INTERPRETED IN ACCORDANCE WITH APPLICABLE STANDARDS LISTED IN MIL-STD-100.
- FINISH: CADMIUM PER QQ-P-416, TYPE II, CLASS 2 OVER COPPER PER AMS2418, CLASS 4
- FINISH: TIN PER ASTM-B-545, .000200 [0.0051] MIN THK OVER COPPER PER AMS2418, .000050 [0.00127] MIN THK.
- FRONT SHELL HAS GROUNDING INDENTS ON 205164-4 & -5 ONLY.
- MARK .047-.062 HIGH PER 115-10002-2. FAR SIDE REFERS TO WIDE SIDE OF KEYSTONE. MARKING SHALL BE AS FOLLOWS:
 - MFG'S PART NUMBER AND DATE CODE ON REAR SHELL, FAR SIDE.
- FINISH: BRIGHT TIN PER ASTM-B-545, .000400-.000550 THK OVER COPPER PER AMS2418 .000050 MIN THK.

	14 15	15	2	-	-	205164-6	205164-6
	13 14 15	15	2	-	-	205164-5	205164-5
	12 13 14	15	2	-	-	205164-4	205164-4
SUPSD. BY 205288-1	11	15	2	-	-	205164-3	205164-3
SUPSD. BY 206798-2	11	15	2	-	-	205558-4	205164-2
	11	15	2	M24308/4-260F	M24308/4-2F	205558-2	205164-1
REMARKS	NO OF POSN	SHELL SIZE	PACKAGE MILITARY P/N	MILITARY P/N ON CONNECTOR	MFG'S P/N ON CONNECTOR	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.

APPROVED: R. GILLMAN

DATE: 23FEB93

TE Connectivity

AMPLIMITE PLUG ASSY WITHOUT SIZE 20 CRIMP TYPE PIN CONTACTS SERIES 109, SHELL SIZE 2

SIZE: A1

SCALE: 4:1

SHEET: 1 OF 1

REV: V

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[443961-3](#) [5-1218949-1](#) [550-031NF1R6K](#) [3-1236089-2](#) [550E001NF1R3J0L](#) [550T001NF1R6K0L](#) [557T283NF5B08](#) [DB121073-56](#)
[DC121073157](#) [443869-3](#) [443869-4](#) [443869-5](#) [550S004NF1R1B0F03](#) [557E283NF1A06](#) [527-019NF0303R2K1F](#) [550-031NF1R2E](#)
[550E003M2R9J0F04](#) [550E003M3R9J0F05](#) [550E024M104R9J0](#) [550E024NF102R3J0B](#) [550E039NF1R3J1-02](#) [550S003M3R9B0F05](#)
[550S004M4R7M0F04](#) [550S004NF1R1B1F02](#) [550S008M3F0K0F04](#) [550S086M5R3J0L](#) [550S100NF3F0E](#) [550T001M2R7E0L](#)
[550T001NF1F0B1L](#) [550T001NF1R1K0G](#) [550T001NF1R3K0G](#)