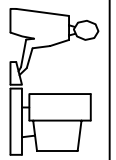


THIS IS A C.A.D. GENERATED DRAWING  
DO NOT MAKE MANUAL REVISIONS TO MASTER.



ISSUE NUMBER	ORIGINAL
1	RE DRAWN, 50 PIN ADDED AND ORDERING CODES ADDED
7	N SONDH JUL. 13/2012

**MATERIALS:**

INSULATOR: THERMOPLASTIC POLYESTER, UL94V-0  
CHEMICAL RESISTANCE, COLOR BLACK

SHEET: STEEL, NICKEL PLATED  
CONTACT: PHOSPHOR BRONZE

SELECTIVE GOLD PLATING WITH TIN PLATING ON TAILS

**ELECTRICAL:**

CURRENT RATING: 5 AMPERES  
DIELECTRIC WITHSTANDING VOLTAGE: 1000VAC rms AT SEA LEVEL  
INSULATION RESISTANCE: 5000 MEGOHMS MIN.  
CONTACT RESISTANCE: 10 MILLIOHMS MAX.  
WORKING TEMPERATURE: -55° TO +125° C

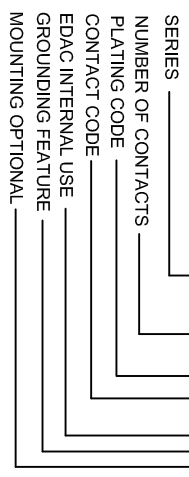


THIS SERIES FULLY CONFORMS TO THE  
EUROPEAN UNION DIRECTIVES 2002/95/EC  
AND 2002/96/EC FOR ROHS COMPLIANCY.

NOTE: ALL CONNECTORS WITH THREADED INSERTS MUST WITHSTAND  
A MIN. TORQUE OF 3 Kgf·cm

**ORDERING CODE**

628-025-320-041



NUMBER OF CONTACTS	"A"	"B"	"C"	"E"	"F"
	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)
9	1.214 (30.84)	.984 (24.99)	.642 (16.30)	.432 (10.97)	.108 (2.74)
15	1.545 (39.24)	1.312 (33.32)	.971 (24.66)	.756 (19.20)	.108 (2.74)
25	2.088 (53.04)	1.852 (47.04)	1.511 (38.38)	1.304 (33.12)	.109 (2.76)
37	2.730 (69.34)	2.500 (63.50)	2.159 (54.84)	1.956 (49.68)	.109 (2.76)
50	2.635 (66.93)	2.406 (61.11)	2.064 (52.43)	1.744 (49.68)	.109 (2.76)

**628 SERIES SUBMINIATURE D CONNECTOR**

RECEPTACLE(SOCKET) VERTICAL PCB METAL BODY

DRAWN: NSONDH	DATE: JUL. 12/12
CHECKED:	DATE:
PART NUMBER	SEE ORDERING CODE
DRAWING NUMBER	628-000-001
ISSUE	7



THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC INC. AND SHALL NOT BE REPRODUCED OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

YOUR CONNECTION TO QUALITY & SERVICE

- CODE 1** THRU HOLE 0.1250 (3.18)
  - CODE 2** THREADED INSERT 440 UNC THREAD
  - CODE 3** THREADED STANDOFF THREADED INSERT 440 UNC X .130 DEEP THREAD
  - CODE 4** THREADED STANDOFF THREADED INSERT 440 UNC X .130 DEEP THREAD
  - CODE 5** THREADED INSERT BOARD LOCK 440 UNC THREAD
  - CODE 6** THREADED STANDOFF THREADED INSERT BOARD LOCK 440 UNC X .130 DEEP THREAD
  - CODE 7** THREADED STANDOFF THREADED INSERT BOARD LOCK 440 UNC X .130 DEEP THREAD
  - CODE 8** THREADED FIBER STANDOFF 440 UNC THREAD
- PLATING CODE**
    - 2 GOLD FLASH
    - 3 15 MICRONS GOLD
    - 6 30 MICRONS GOLD
  - CONTACT CODE**
    - 20 PC TAILS .125" (3.18) LONG
    - 21 PC TAILS .165" (4.20) LONG HIGH PROFILE ONLY
    - 22 SOLDER CLIP TERMINATION
    - 28 2.8mm FERRITE FILTOR
  - EDAC INTERNAL USE**
    - 0 INDICATE GENERIC INTERNAL CODE
  - GROUNDING FEATURE**
    - 1 PLASTIC .237 (6.02) LOW PROFILE POLYESTER
    - 3 PLASTIC .452 (11.48) HIGH PROFILE POLYESTER
    - 4 METAL COVERED .276 (7.00) LOW PROFILE
    - 5 METAL COVERED .472 (12.00) HIGH PROFILE
  - MOUNTING OPTION**
    - 1 0.125(3.18) DIA. THROUGH HOLE
    - 2 #4-40 UNC THREADED INSERT
    - 3 #4-40 UNC HEX THREADED INSERT
    - 4 #4-40 UNC THREADED INSERT WITH SOLDER PRONGS
    - 5 #4-40 UNC THREADED STANDOFF WITH SOLDER PRONGS
    - 6 #4-40 UNC THREADED INSERT WITH BOARD LOCKS
    - 7 #4-40 UNC THREADED STANDOFF WITH BOARD LOCKS
    - 8 #4-40 UNC THREADED FIXED STANDOFF