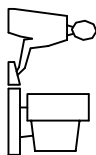
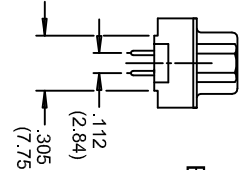
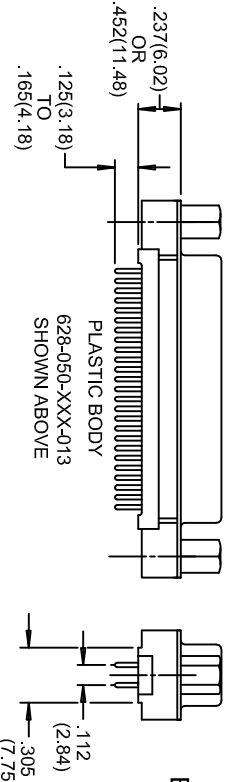
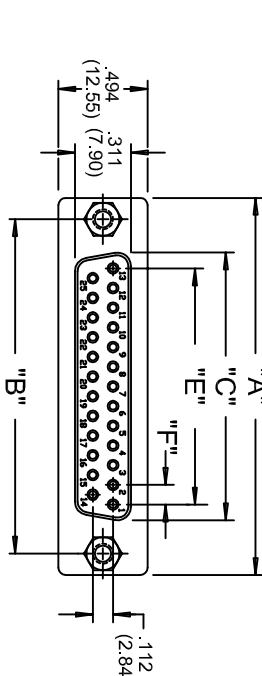
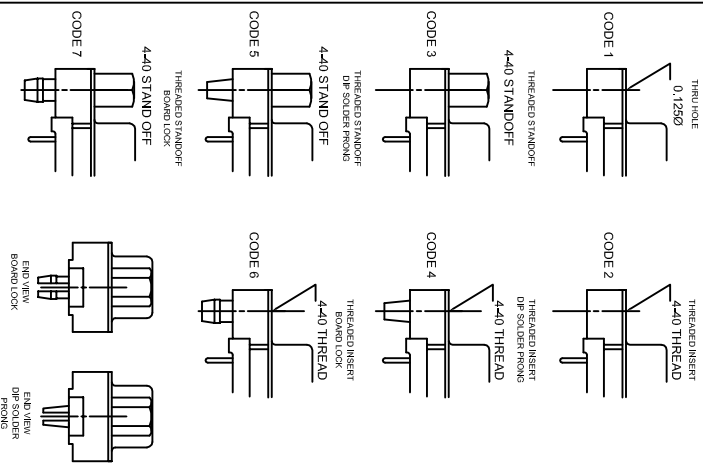


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DO NOT MAKE MANUAL REVISIONS TO MASTER.



ISSUE NUMBER  
ORIGINAL

1



**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

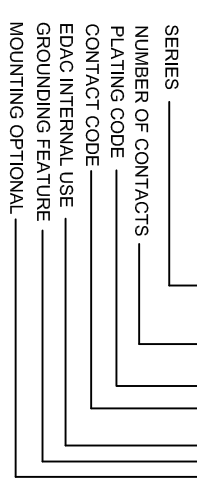


THIS SERIES FULLY CONFORMS TO THE  
EUROPEAN UNION DIRECTIVES 2002/95/EC  
AND 2002/96/EC FOR ROHS COMPLIANCY.

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**

DRAWN: NSONDHH	DATE: JUL. 12/12
CHECKED:	DATE:
PART NUMBER	SEE ORDERING CODE
DRAWING NUMBER	628-000-008
ISSUE	1



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YOUR CONNECTION TO QUALITY & SERVICE

- THROUGH HOLE**  
0.1250
- THREADED INSERT**  
4-40 THREAD
- THREADED STANDOFF**  
4-40 STANDOFF
- THREADED STANDOFF DP SOLDER PRONG**  
4-40 STAND OFF
- THREADED INSERT DP SOLDER PRONG**  
4-40 THREAD
- THREADED STANDOFF DP SOLDER PRONG**  
4-40 STAND OFF
- THREADED STANDOFF BOARD LOCK**  
4-40 STAND OFF
- END VIEW BOARD LOCK**
- END VIEW DP SOLDER PRONG**
- PLATING CODE**  
2 GOLD FLASH  
3 15 MICRONS GILD  
6 30 MICRONS GILD
- CONTACT CODE**  
20 PC TAILS .125" (3.18) LONG  
21 PC TAILS .165" (4.20) LONG HIGH PROFILE ONLY  
22 SOLDER CUP 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