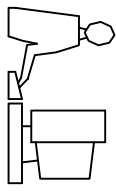


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DO NOT MAKE MANUAL REVISIONS TO MASTER.



ISSUE NUMBER  
ORIGINAL  
①

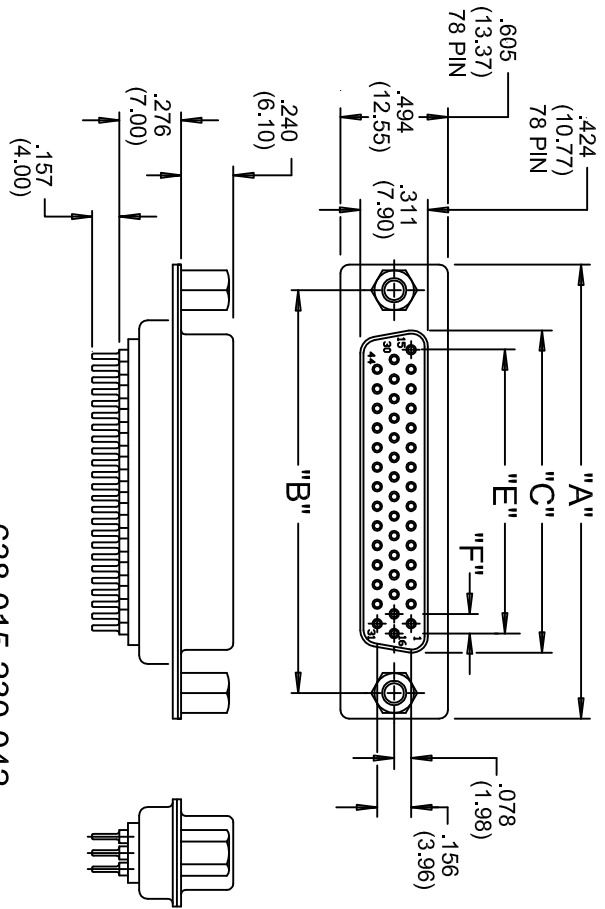
**MATERIALS:**  
INSULATOR: THERMOPLASTIC POLYESTER, UL94V-0  
CHEMICAL RESISTANCE, COLOR BLACK  
SHEEL: STEEL, NICKEL PLATED  
CONTACT: BRASS

GOLD FLASH (CONTACT CODE 230)  
10 MICROINCHES GOLD (CONTACT CODE 530)  
30 MICROINCHES GOLD (CONTACT CODE 630)  
TIN PLATING ON TAIL ENDS

**ELECTRICAL:**

CURRENT RATING: 5 AMPERES  
DIELECTRIC WITHSTANDING VOLTAGE:  
1000VAC rms AT SEA LEVEL  
OPERATING VOLTAGE: 250 VAC AT 50/60 HZ.  
INSULATION RESISTANCE: 5000 MEGOHMS MIN.  
CONTACT RESISTANCE: 10 MILLIOHMS MAX.  
WORKING TEMPERATURE: -55° TO +125° C

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



**ORDERING CODE**

SERIES \_\_\_\_\_  
NUMBER OF CONTACTS \_\_\_\_\_  
CONTACT FINISH CODE \_\_\_\_\_  
CONNECTOR CODE \_\_\_\_\_  
30- LOW PROFILE P.C.B. TAILS  
GROUNDING FEATURE \_\_\_\_\_  
4- METAL COVERED  
MOUNTING OPTIONAL \_\_\_\_\_  
1- .125(.318) DIA. THROUGH HOLE  
2- 4-40 UNC THREADED INSERT  
3- 4-40 UNC THREADED STANDOFFS  
6- 4-40 UNC THREADED INSERT WITH BOARDLOCKS  
7- 4-40 UNC THREADED STANDOFF WITH BOARDLOCKS  
8- 4-40 UNC THREADED FIXED STANDOFF

638-015-230-042

| NUMBER OF CONTACTS | "A"   |         | "B"   |         | "C"   |         | "E"   |         | "F"  |        |
|--------------------|-------|---------|-------|---------|-------|---------|-------|---------|------|--------|
|                    | Inch  | (mm)    | Inch  | (mm)    | Inch  | (mm)    | Inch  | (mm)    | Inch | (mm)   |
| 15                 | 1.214 | (30.84) | .984  | (24.99) | .642  | (16.30) | .405  | (10.29) | .090 | (2.29) |
| 26                 | 1.545 | (39.24) | 1.312 | (33.32) | .971  | (24.66) | .765  | (19.43) | .090 | (2.29) |
| 44                 | 2.088 | (53.04) | 1.852 | (47.04) | 1.511 | (38.38) | 1.305 | (33.15) | .090 | (2.29) |
| 62                 | 2.730 | (69.34) | 2.500 | (63.50) | 2.159 | (54.84) | 1.948 | (49.47) | .095 | (2.41) |
| 78                 | 2.635 | (66.93) | 2.406 | (61.11) | 2.064 | (52.42) | 1.805 | (45.85) | .095 | (2.41) |



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

**638 SERIES HIGH DENSITY SUBMINIATURE D CONNECTOR  
RECEPTACLE(SOCKET) VERTICAL MOUNT P.C.B  
LOW PROFILE METAL BODY**

|  |  |  |  |
|--|--|--|--|
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| DRAWN: F. BRIONES                      |  | DATE: NOV. 26/97   |  |
| CHECKED:                               |  | DATE:  |  |
| PART NUMBER                            |  |  |  |
| SEE ORDERING CODE                      |  |  |  |
| DRAWING NUMBER                         |  | ISSUE  |  |
| 638-000-001                            |  | 6  |  |

YOUR CONNECTION TO QUALITY & SERVICE