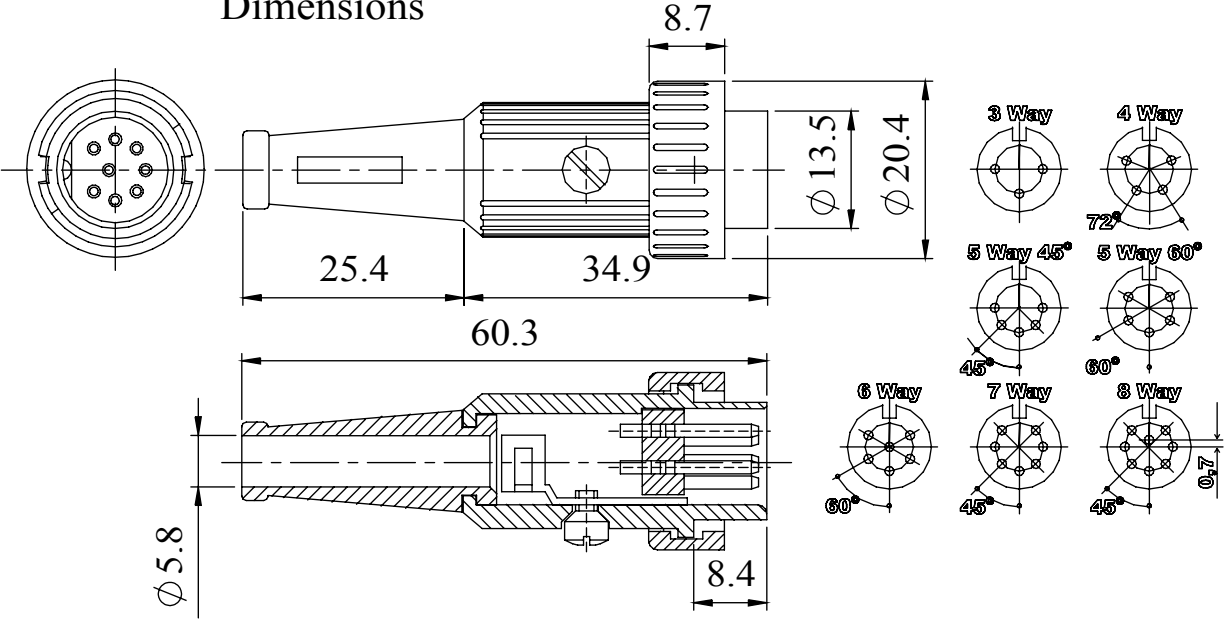


A fully screened robust range of DIN connectors for use in instrumentation and audio applications. Available in bright nickel finish with an interchangeable black plastic locking ring. Five other colours are available (sold separately). A simple half turn of the ring secures the plug onto the mating panel socket (which can also be colour coded). Robust construction incorporating cable grip and strain relief. Manufactured to DIN 41524, 45322, 45326, 45327 and 45329.

| Materials               |                                     |
|-------------------------|-------------------------------------|
| Housing                 | Zinc Alloy                          |
|                         | Bright Nickel Plated                |
| Moulding                | Lexan 500R                          |
| Contacts                | Brass Silver Plated                 |
| Cable Clamp             | Mild steel Zinc Plated              |
| Grommet                 | Black P.V.C                         |
| Locking Ring            | Polyester, Black                    |
| Mechanical Operations   | 10,000 Locking Ring Torque @ 0.5 Nm |
| Electrical              |                                     |
| Rated Voltage           | 34 V a.c. or d.c.                   |
| Current Rating          | 2.A                                 |
| Test Voltage            | 500 V r.m.s.                        |
| Insulation Resistance   | 103 MΩ min at 100 V d.c             |
| Contact Resistance      | 10 mΩ max                           |
| Capacitance (mated)     | 3pF                                 |
| Climatic                |                                     |
| Climatic category       | 25/070/21                           |
| Temperature Range       | -25°C to +70°C                      |
| Damp heat, steady state | 21 days                             |

RoHS  
2002/95/EC  
Compliant

Dimensions



| Type      | Deltron No |
|-----------|------------|
| 3 Way     | 592-0301   |
| 4 Way     | 592-0401   |
| 5 Way 45° | 592-0501   |
| 5 Way 60° | 592-0511   |
| 6 Way     | 592-0601   |
| 7 Way     | 592-0701   |
| 8 Way     | 592-0801   |

Tel No. +44(0)1724 273200 Website [www.dem-uk.com](http://www.dem-uk.com)



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DEM Manufacturing, Deltron Emcon House  
Hargreaves Way, Sawcliffe Ind. Park,  
Scunthorpe, North Lincolnshire, DN15 8RF, UK

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN MILLIMETRES  
LINEAR TOLERANCE:  
NO DECIMAL PLACES  $\pm 0.5\text{mm}$   
1 DECIMAL PLACE  $\pm 0.25\text{mm}$   
2 DECIMAL PLACES  $\pm 0.125\text{mm}$   
ANGULAR TOLERANCE:  $\pm 1^\circ$

FINISH RING LOCK  
DIN CONNECTORS  
STANDARD PLUG  
IF IN DOUBT ASK  
DO NOT SCALE DRAWING

MATERIAL SEE NOTE

DEBURR AND BREAK  
SHARP EDGES

DRAWN BY  
APPROVED BY  
THIRD ANGLE PROJECTION

SPB  
WC  
SHEET 1 OF 1  
SCALE 1:1  
A4

TITLE GENERAL SPECIFICATION  
592 SERIES  
CONNECTORS

DRAWING NO. 592 SERIES

ISSUE 06  
Release