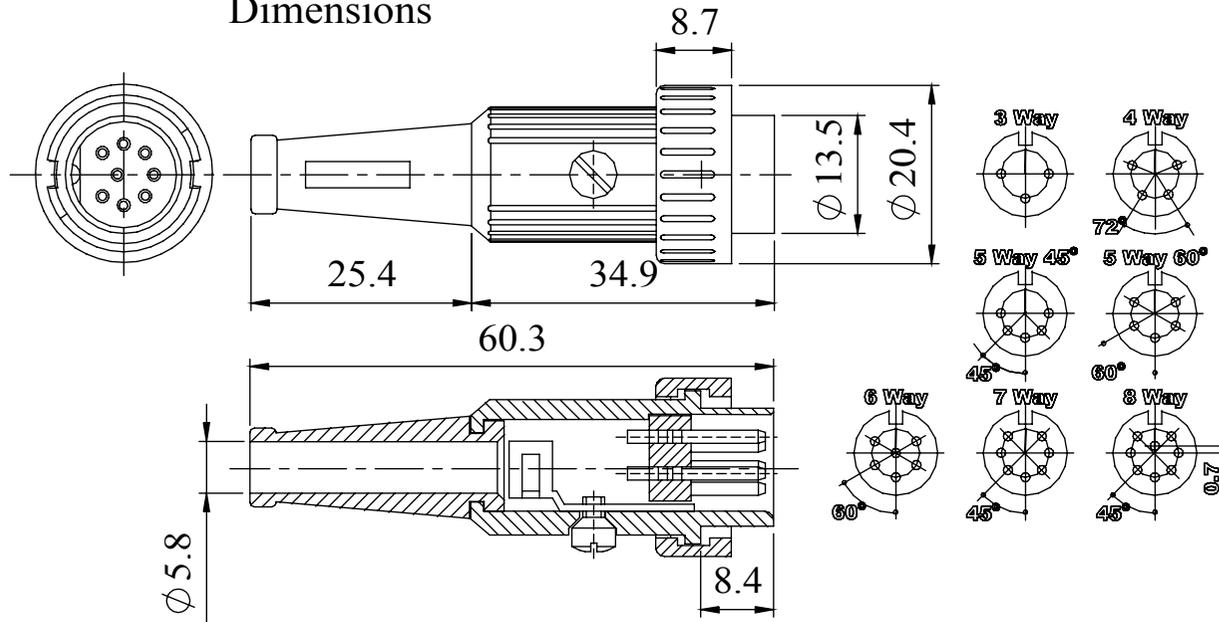A fully screened robust range of DIN connectors for use in instrumentation and audio applications. Available in bright nickel finish with an interchangeable black plastic locking ring. Five other colours are available (sold separately). A simple half turn of the ring secures the plug onto the mating 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.

RoHS
2002/95/EC
✓
Compliant

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

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

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Alpha3 manufacturing
ROXBURGH EMC
bes   Media
DELTRON Components
DELTRON Enclosures
DEM

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 ±0.5mm
1 DECIMAL PLACE ±0.25mm
2 DECIMAL PLACES ±0.125mm
ANGULAR TOLERANCE: ±1°

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   SPB
APPROVED BY   WC
THIRD ANGLE PROJECTION
SHEET 1 OF 1
SCALE 1:1
A4

TITLE   GENERAL SPECIFICATION
592 SERIES
CONNECTORS

DRAWING NO.
592 SERIES

ISSUE   06
Release