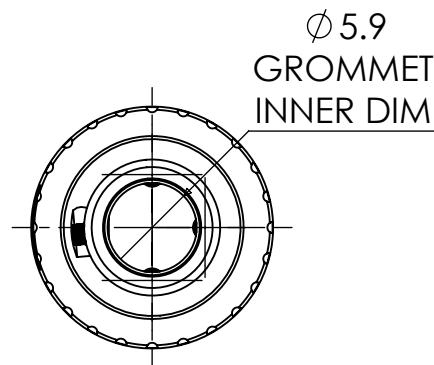
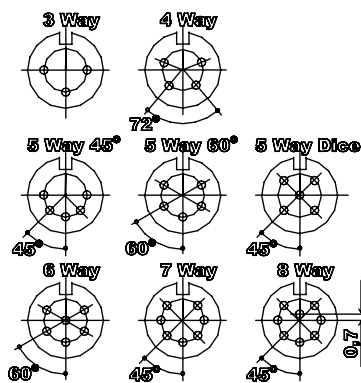
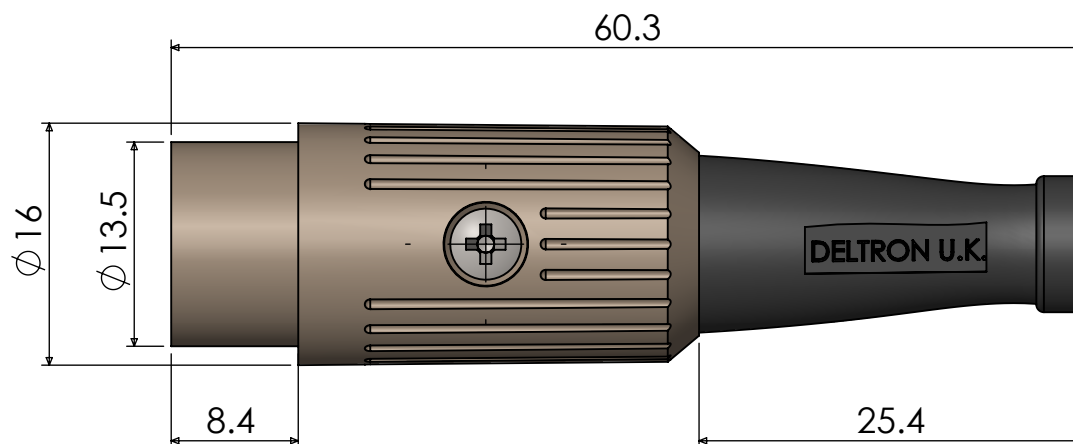


A FULLY SCREENED ROBUST RANGE OF DIN CONNECTORS  
FOR USE IN INSTRUMENTATION AND AUDIO APPLICATIONS.  
AVAILABLE IN BLACK CHROME AND BRIGHT NICKEL.  
ROBUST CONSTRUCTION INCORPORATING  
CABLE GRIP AND STRAIN RELIEF.

MANUFACTURED TO DIN 41524, 45322, 45326, 45327 AND 45329.

## DIMENSIONS



| MATERIALS               |                                    |
|-------------------------|------------------------------------|
| HOUSING                 | MAZAK                              |
| FINISH                  | BRIGHT NICKEL PLATE                |
|                         | OR BLACK CHROME PLATE              |
| MOULDING                | NYLON                              |
| CONTACTS                | BRASS BS2874 CZ121M, SILVER PLATED |
| CABLE CLAMP             | MILD STEEL, SILVER PLATED          |
| SCREW                   | MILD STEEL, NICKEL PLATED          |
| GROMMET                 | PVC BLACK                          |
| ELECTRICAL              |                                    |
| RATED VOLTAGE           | 34 V AC or DC                      |
| CURRENT RATING          | 2 Amp                              |
| TEST VOLTAGE            | 500 V r.m.s                        |
| INSULATION RESISTANCE   | 103 MΩ MIN AT 100 V DC             |
| 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                            |
| RECOMMENDED WIRE SIZE   | 24-28AWG                           |
| CONDUCTOR SIZE          | Ø 0.75mm - MAX                     |
| PIN SOLDER BUCKET SIZE  | Ø 1mm +0.1mm/-0.0                  |

| TYPE      | PART NUMBERS |          |
|-----------|--------------|----------|
|           | NICKEL       | BLACK    |
| 3 WAY     | 610-0300     | 611-0300 |
| 4 WAY     | 610-0400     | 611-0400 |
| 5 WAY 45° | 610-0500     | 611-0500 |
| 5 WAY 60° | 610-0510     | 611-0510 |
| 5 WAY     | 610-0520     | 611-0520 |
| 6 WAY     | 610-0600     | 611-0600 |
| 7 WAY     | 610-0700     | 611-0700 |
| 8 WAY     | 610-0800     | 611-0800 |

#### PROPRIETARY AND CONFIDENTIAL:

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Sawcliffe Ind. Park, Scunthorpe, North Lincolnshire, DN15 8RF, UK

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MILLIMETRES  
LINEAR & RADIAL TOLERANCE:

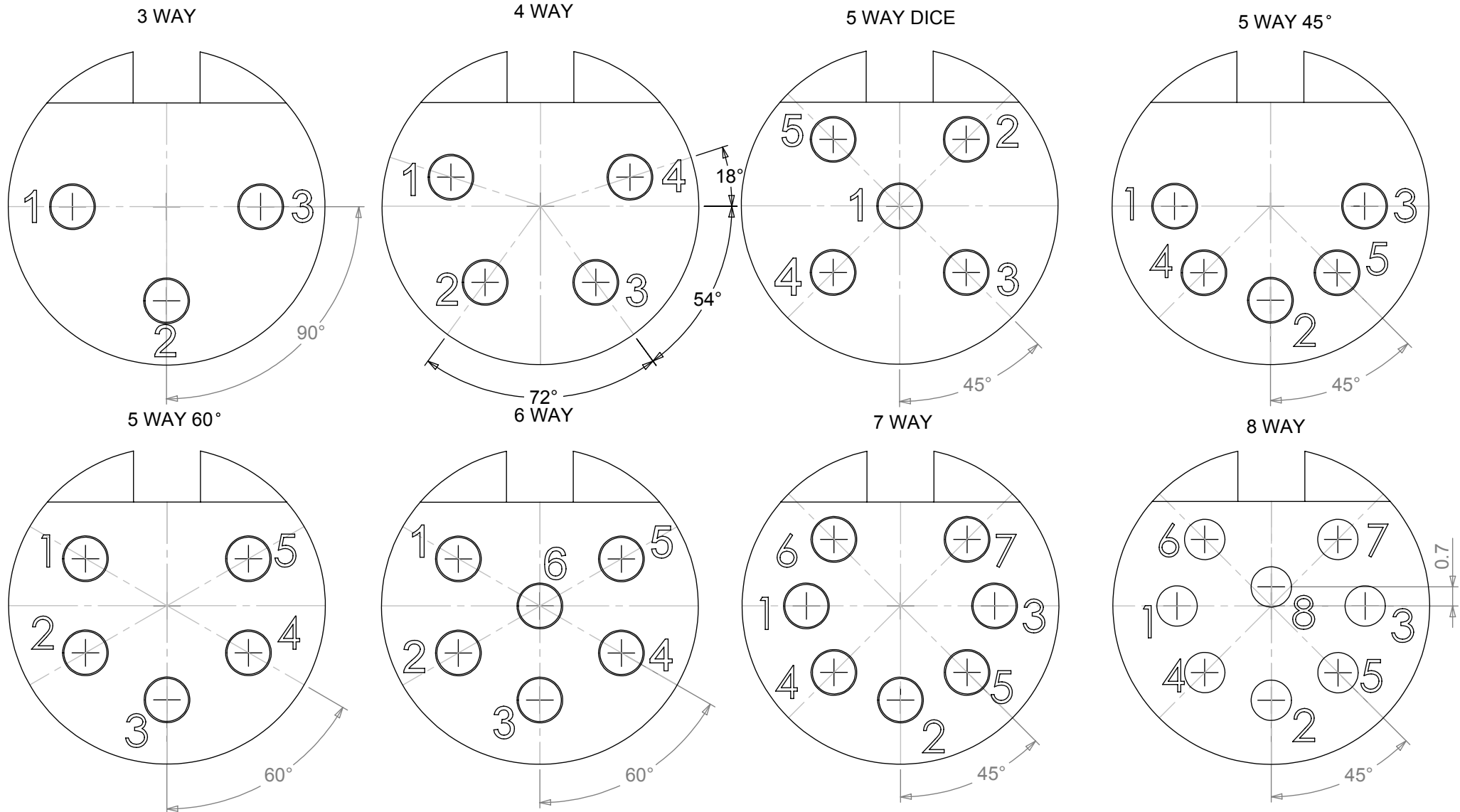
**GENERAL SPECIFICATION  
ONLY**

#### IF IN DOUBT ASK! DO NOT SCALE DRAWING!

|                                                                                                                                                                |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| FINISH                                                                                                                                                         | SEE NOTE |
| MATERIAL                                                                                                                                                       | SEE NOTE |
| THE FINISHED PRODUCT SHOULD BE CLEAN AND FREE FROM ALL LIQUIDS AND DEBRIS. SURFACES SHOULD BE OF UNIFORM APPEARANCE FREE FROM SHARP EDGES, BURRS AND CORROSION |          |

|                        |              |                             |                         |
|------------------------|--------------|-----------------------------|-------------------------|
| AUTHOR                 | SB           | TITLE GENERAL SPECIFICATION |                         |
| EDITOR                 | DT           | FILE 610 - 611 SERIES       |                         |
| APPROVER               | DT           | PART DIN CONNECTORS         |                         |
| THIRD ANGLE PROJECTION | SHEET 1 OF 1 | ISSUE/REV. 006              | EDIT DATE 17/06/2021    |
|                        | SCALE 1:1    | A4 RELEASED                 | RELEASE DATE 17/06/2021 |

# **PIN VARIATIONS USED IN: 590 / 591 / 592 / 600 / 601 / 610 / 611 - DIN PLUG CONNECTORS**



**MANUFACTURED TO DIN STANDARD 41524, 45322, 45326, 45327 AND 45329**