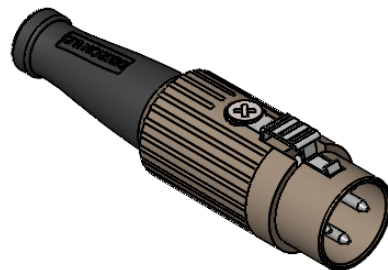
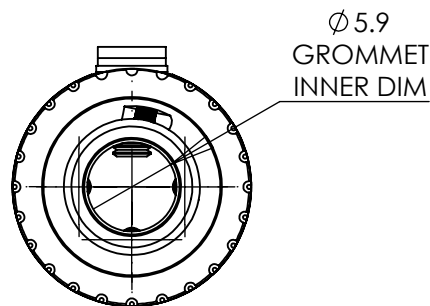
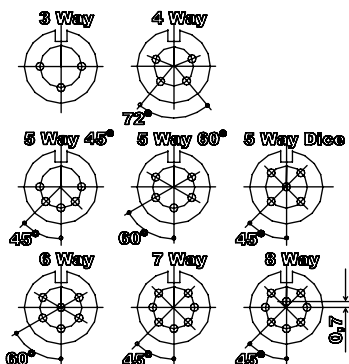
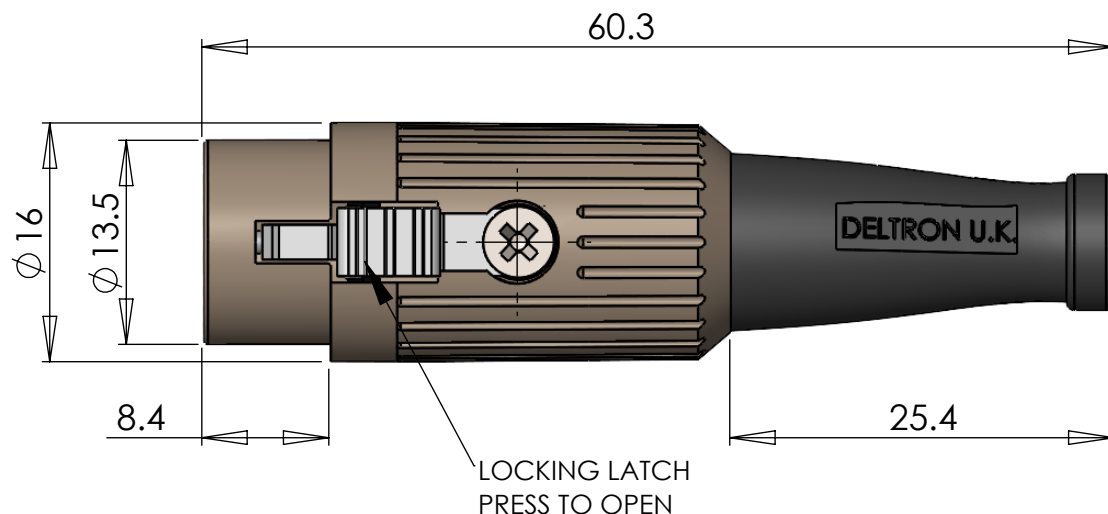


A FULLY SCREENED ROBUST RANGE OF DIN CONNECTORS
FOR USE IN INSTRUMENTATION AND AUDIO APPLICATIONS.
AVAILABLE IN TWO FINISHES;
BRIGHT NICKEL AND BLACK CHROME.
ROBUST CONSTRUCTION INCORPORATING
CABLE GRIP AND STRAIN RELIEF.

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



DIMENSIONS



MATERIALS

HOUSING	MAZAK
HOUSING FINISH	BRIGHT NICKEL PLATED OR BLACK CHROME
MOULDING	NYLON
CONTACTS	BRASS CZ121, SILVER PLATED
CABLE CLAMP	MILD STEEL, SILVER PLATED
GROMMET	BLACK PVC
LOCKING LATCH	SPRING STEEL, NICKEL PLATED
SCREW	MILD STEEL, NICKEL PLATED

ELECTRICAL

RATED VOLTAGE	34V A/C or D/C
CURRENT RATING	2 AMP
TEST VOLTAGE	500V r.m.s
INSULATION RESISTANCE	103 MΩ MIN AT 100V DC
CONTACT RESISTANCE	10mΩ MAX
CAPACITANCE (MATED)	3 pF

CLIMATIC

CLIMATIC CATEGORY	25/070/21
TEMPERATURE RANGE	-25°C TO +70°C
DAMP HEAT, STEADY STATE	21 DAYS
RECOMMENDED CABLE SIZE	24-28 AWG
CONDUCTOR SIZE	Ø 0.75mm - MAX
PIN SOLDER BUCKET	Ø 1mm +0.1mm/-0.0

TYPE	PART NUMBER	
	NICKEL	BLACK
3 WAY	590-0300	591-0300
4 WAY	590-0400	591-0400
5 WAY 45°	590-0500	591-0500
5 WAY 60°	590-0510	591-0510
5 WAY	590-0520	591-0520
6 WAY	590-0600	591-0600
7 WAY	590-0700	591-0700
8 WAY	590-0800	591-0800

PROPRIETARY AND CONFIDENTIAL:

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DEM Manufacturing is a division of Alpha 3 Manufacturing LTD
DEM Manufacturing, Deltron Emcon House, Hargreaves Way,
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

EDITOR

APPROVER

THIRD ANGLE PROJECTION

SCALE 1:1

A4

SB

DT

DT

SHEET 1 OF 1

SCALE 1:1

A4

TITLE

FILE

PART

ISSUE/REV.

RELEASED

RELEASE DATE

GENERAL SPECIFICATION

590-591 SERIES

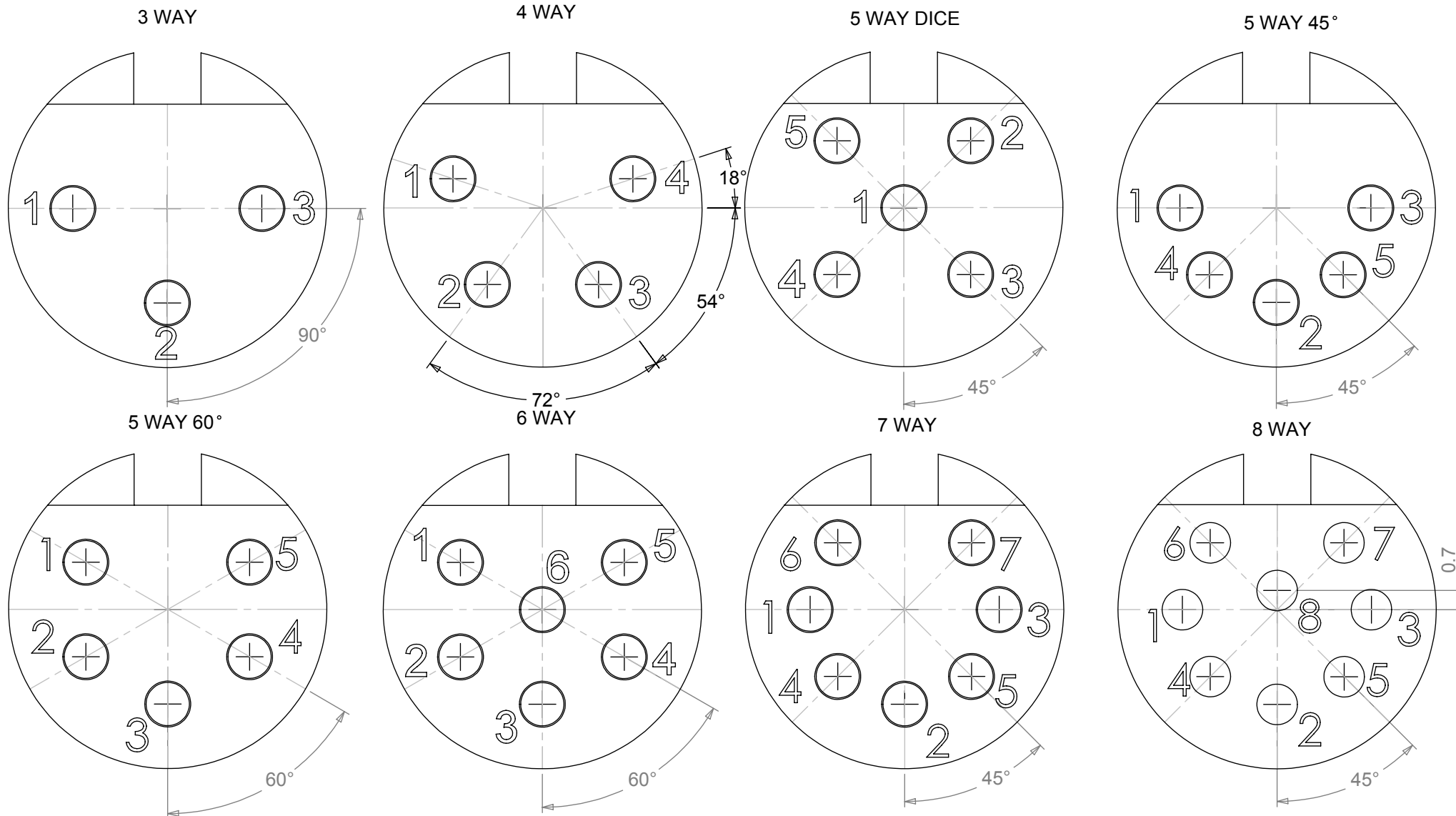
LATCHING DIN CONNECTORS

008

17/06/2021

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