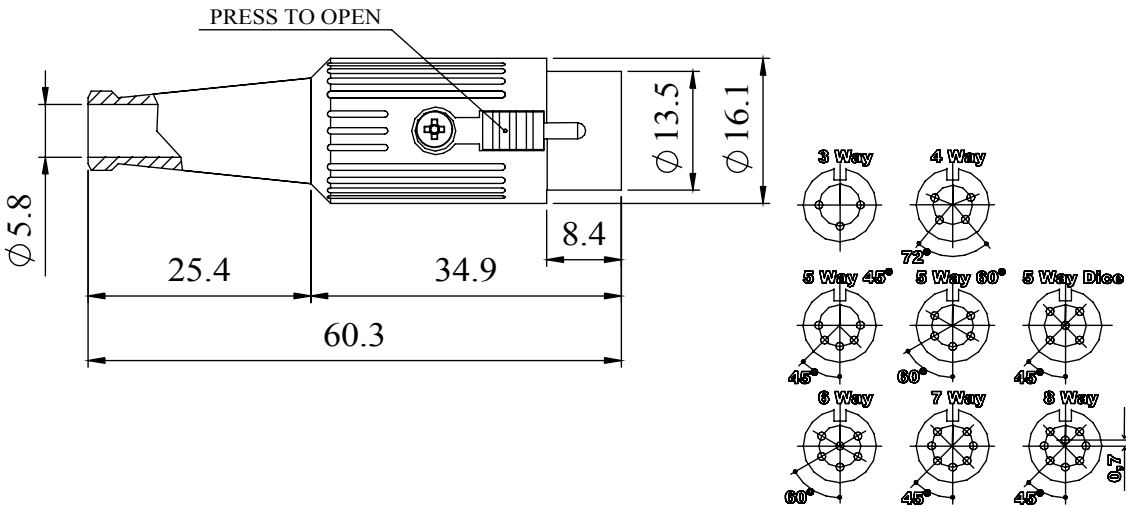


REV	DATE	ECN NUMBER	ECR COMMENT					
001	23 Apr 2018	C03817	AMEND PIN VARIATIONS, UPDATE INFO AND BORDER, COMBINE BLK AND NICKEL					

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

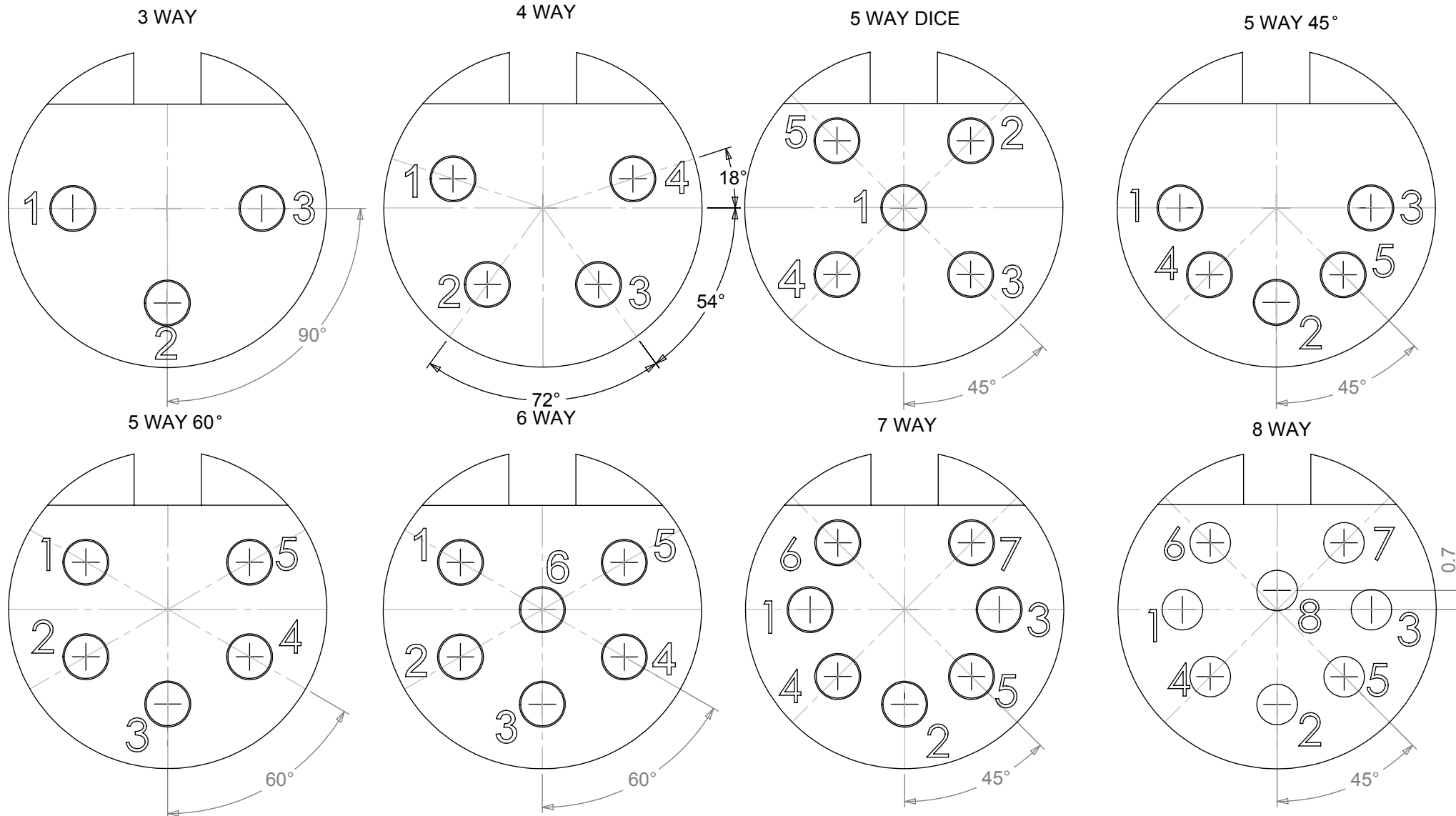


MATERIALS	
HOUSING	ZINC ALLOY
HOUSING FINISH	BRIGHT NICKEL PLATED OR BLACK CHROME
MOULDING	NYLON
CONTACTS	BRASS CZ121, FLASH, SILVER PLATED
CABLE CLAMP	MILD STEEL, SILVER PLATED
GROMMET	BLACK PVC
LOCKING LATCH	ZINC ALLOY, NICKEL PLATED
ELECTRICAL	
RATED VOLTAGE	34V A/C or D/C
CURRENT RATING	2 AMP
TEST VOLTAGE	500V r.m.s
INSULATION RESISTANCE	103 MΩ MIN AT 100V DC
CONTACT RESISTANCE	10mΩ MAX
CAPACITANCE (MATED)	3 pF
RECOMMENDED CABLE SIZE	MAX CABLE 6mm Ø MAX CONDUCTOR 1mm Ø
CLIMATIC	
CLIMATIC CATEGORY	25/070/21
TEMPERATURE RANGE	-25°C TO +70°C
DAMP HEAT, STEADY STATE	21 DAYS

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	590-0521	591-0520
6 WAY	590-0600	591-0600
7 WAY	590-0700	591-0700
8 WAY	590-0800	591-0800

<div><div>DELTRONComponents</div><div>DELTRONEnclosures</div><div>ROXBURGHEMC</div></div>		<div><div>bcsDEM</div><div>Alpha3manufacturing</div></div>	<div>PROPRIETARY AND CONFIDENTIAL:</div> <div>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <b>ALPHA 3 MANUFACTURING</b>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <b>ALPHA 3 MANUFACTURING</b> IS PROHIBITED.</div> <div>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</div>		<div>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETRES LINEAR &amp; RADIAL TOLERANCE: <b>NO DECIMAL PLACES ±0.2mm</b> <b>1 DECIMAL PLACE ±0.1mm</b> <b>2 DECIMAL PLACES ±0.05mm</b> <b>ANGULAR TOLERANCE: ±1°</b></div>		<div>IF IN DOUBT ASK! DO NOT SCALE DRAWING!</div> <div>FINISHSEE NOTE</div> <div>MATERIALSEE NOTE</div> <div>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</div>		<div>AUTHORShaun Barron</div> <div>EDITORDT</div> <div>APPROVERAY</div> <div>THIRD ANGLE PROJECTION</div>		<div>TITLEGENERAL SPECIFICATION</div> <div>PART590-591 SERIES</div> <div>LATCHING DIN CONNECTORS</div> <div>SHEET 1 OF 1</div> <div>SCALE 1:1A4</div>		<div>ISSUE/REV.001</div> <div>RELEASED</div> <div>VERSION11</div> <div>EDIT DATE23 Apr 2018</div>	
+44(0)1724 273200		www.dem-uk.com												

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



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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Deltron:](#)

[591-0510](#)