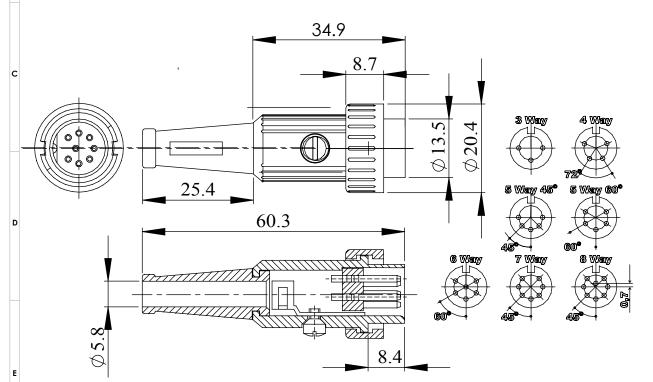
A FULLY SCREENED ROBUST RANGE OF DIN CONNECTORS FOR USE IN INSTRUMENTATION AND AUDIO APPLICATIONS.

AVAILABLE IN BRIGHT NICKEL FINISH WITH INTERCHANGEABLE BLACK PLASTIC LOCKING RINGS. FIVE OTHER COLOURS ARE AVAILABLE THESE ARE SOLD SEPARATELY (REF 592-000* SEE CHART FOR PART NUMBERS) A SIMPLE HALF TURN OF THE RING SECURES THE PLUG ONTO THE MATING PANEL SOCKET (REF 593 SERIES)

CONSTRUCTION INCORPORATES CABLE GRIP AND STRAIN RELIEF

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

DIMENSIONS



| MATERIALS | | | | | | | |
|-------------------------|-------------------------------------------------------|--|--|--|--|--|--|
| HOUSING | ZINC ALLOY | | | | | | |
| FINISH | BRIGHT NICKEL PLATE | | | | | | |
| MOULDING | LEXAN 500R | | | | | | |
| CONTACT PIN | BRASS CZ121, SILVER PLATED | | | | | | |
| CABLE CLAMP | BRASS BS2874 CZ 121 | | | | | | |
| CABLE CLAMP FINISH | SILVER 3 MICRONS ON COPPER 1.5 MICRONS & ANTI-TARNISH | | | | | | |
| GROMMET | PVC BLACK | | | | | | |
| LOCKING RING | POLYESTER BLACK | | | | | | |
| | | | | | | | |
| MECHANICAL OPERATIONS | LOCKING RING | | | | | | |
| REPETITIONS | 10'000 | | | | | | |
| RECOMMENDED TORQUE | 0.5 Nm | | | | | | |
| | | | | | | | |
| ELECTRICAL | | | | | | | |
| RATED VOLTAGE | 34 V AC OR DC | | | | | | |
| CURRENT RATING | 2 Amps | | | | | | |
| TEST VOLTAGE | 500 V r.m.s. | | | | | | |
| INSULATION RESISTANCE | 103 MΩ MIN AT 100 V DC | | | | | | |
| CONTACT RESISTANCE | 10 mΩ MAX | | | | | | |
| CAPACITANCE (MATED) | 3 pF | | | | | | |
| CLIMATIC | | | | | | | |
| CLIMATIC CATEGORY | 25/070/21 | | | | | | |
| TEMPERATURE RANGE | -25°C TO +70°C | | | | | | |
| DAMP HEAT, STEADY STATE | 21 DAYS | | | | | | |

| 592 PART | | | | | | |
|--------------|--|--|--|--|--|--|
| PARTS NUMBER | | | | | | |
| 592-0301 | | | | | | |
| 592-0401 | | | | | | |
| 592-0501 | | | | | | |
| 592-0511 | | | | | | |
| 592-0601 | | | | | | |
| 592-0701 | | | | | | |
| 592-0801 | | | | | | |
| | | | | | | |

| LOCKING RING | | | | | | |
|---------------------------|----------------|--|--|--|--|--|
| COLOUR | PART NUMBER | | | | | |
| BLUE | 592-0002 | | | | | |
| GREEN | 592-0004 | | | | | |
| RED | 592-0005 | | | | | |
| WHITE | 592-0006 | | | | | |
| YELLOW | 592-0007 | | | | | |
| MIXED COLOURS (4x5) | 592-0000 | | | | | |

| DELTRON Components | ş. | b e s | DEM |
|--------------------|----|--------|----------------|
| DELTRON Enclosures | , | DCS | DEM |
| ROXBURGH EMC | Ę | | <u> Alpha3</u> |
| +44(0)1724 273200 | | www.de | em-uk.com |



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,

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES LINEAR & RADIAL TOLERANCE: NO DECIMAL PLACES: 0.2mm L DECIMAL PLACE ±0.1mm 2 DECIMAL PLACES ±0.05mm ANGULAR TOLERANCE: ±1°

| IF IN DOUBT ASK! DO NOT SCALE DRAWING! | | AUTHOR | SB | GENERAL SPECIFICATION | | | CATION |
|----------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------|--------------|-----------------------|-------------|-----------|-------------|
| INISH | SEE NOTE | EDITOR | DT | FILE 592 SERIES | | 3 | |
| MATERIAL | SEE NOTE | APPROVER | AY | PART | RING LOCK D | IN CON | NECTOR |
| THE FINISHED PRODUCT SHOULD BE CLEAN AND FREE FROM ALL LIQUIDS AND DEBRIS. SURFACES SHOULD BE OF UNIFORM | | THIRD ANGLE PROJECTION | SHEET 1 OF 1 | ISSUE/REV. | 800 | VERSION | 22 |
| | E FREE FROM SHARP EDGES, BURRS AND CORROSION | | SCALE 1:1 A | R | ELEASED | EDIT DATE | 24 Apr 2018 |

