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A DTS24****-****

| REVISIONS | | | |
|-----------|---------------------------|---------|----------|
| REV | DESCRIPTIONS | DATE | APPROVED |
| N/C | NEW RELEASE PER E.O.H4540 | 4/14/09 | M.A. |
| A | REVISED PER E.O.H4608 | 100504 | M.A. |



STUB 60° MOD.
TRIPLE START THREAD
"E"-.1P-.3L CLASS 2A
(SEE COLUMN "E THREAD")



RECOMMENDED PANEL CUT OUT

| SHELL SIZE | L | M |
|------------|-------|-------|
| 9 | .670 | .700 |
| 11 | .771 | .825 |
| 13 | .955 | 1.010 |
| 15 | 1.085 | 1.135 |
| 17 | 1.210 | 1.260 |
| 19 | 1.335 | 1.385 |
| 21 | 1.460 | 1.510 |
| 23 | 1.585 | 1.635 |
| 25 | 1.710 | 1.760 |

PART NUMBER BREAKDOWN: DTS 24 Y 17-35 P N



- DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
 - INSERT ARRANGEMENT CONFORMS TO MIL-STD-1560.
 - LEAK RATE THROUGH GLASS INSERT: $1E-8$ cc/sec He @ 1 atm.
 - FINISH: SHELL - ELECTRO-POLISH
PIN CONTACTS - GOLD OVER NICKEL
 - MATERIAL: SHELL & JAM NUT - STAINLESS STEEL
PIN CONTACTS - HIGH NICKEL IRON ALLOY OR EQUIVALENT
GLASS - COMPRESSION GLASS
INTERFACIAL SEAL & O-RING- FLUOROSILICONE ELASTOMER
 - MATES WITH DTS26 SERIES PLUG CONNECTOR.
 - CONNECTOR MEETS REQUIREMENTS OF MIL-DTL-38999 SERIES III.
 - CONSULT CUSTOMER SERVICE FOR ARRANGEMENT AVAILABILITY.
- NOTE(S):

| SHELL SIZE | A | B | C | D | E THREAD | F THREAD | G | H | J | K PIN SOC | N | |
|------------|-------|-------|-------|-------|-------------|-------------|-------|------|------|--------------|------|-------|
| 9 | 1.063 | .651 | 1.150 | .642 | .6250 | M17 | 1.189 | .358 | .102 | .209 | .232 | .875 |
| 11 | 1.252 | .751 | 1.150 | .764 | .7500 | M20 | 1.374 | .358 | .102 | .209 | .232 | 1.000 |
| 13 | 1.374 | .938 | 1.150 | .894 | .8750 | M25 | 1.500 | .358 | .102 | .201 | .224 | 1.188 |
| 15 | 1.500 | 1.062 | 1.150 | 1.020 | 1.0000 | M28 | 1.626 | .358 | .102 | .201 | .224 | 1.375 |
| 17 | 1.626 | 1.187 | 1.150 | 1.142 | 1.1875 | M32 | 1.752 | .358 | .102 | .201 | .224 | 1.437 |
| 19 | 1.811 | 1.312 | 1.185 | 1.268 | 1.2500 | M35 | 1.937 | .382 | .134 | .201 | .224 | 1.563 |
| 21 | 1.937 | 1.437 | 1.185 | 1.394 | 1.3750 | M38 | 2.063 | .382 | .134 | .201 | .224 | 1.750 |
| 23 | 2.063 | 1.562 | 1.185 | 1.520 | 1.5000 | M41 | 2.189 | .382 | .134 | .201 | .224 | 1.875 |
| 25 | 2.189 | 1.687 | 1.185 | 1.642 | 1.6250 | M44 | 2.311 | .382 | .134 | .201 | .224 | 2.000 |

\$ SIZE 17, MODIFIED MAJOR Ø 31.95-31.80 mm FILE:DTS24XXX-XXPX-ENV-SNAP

| | |
|------------------|-------------------|
| SIGNATURE & DATE | |
| DR | S.LUI 4/8/09 |
| CHK | M.ALLEN 4/14/09 |
| PE | |
| APPD | A.RENGIFO 4/16/09 |
| SCALE: | |

CONNECTOR, RECEPTACLE
HERMETIC
JAM-NUT MOUNT
THREAD COUPLING
MIL-DTL-38999/23
ENVELOPE

NBO MATL CODE 72

DEUTSCH
ENGINEERED INTERCONNECT SOLUTIONS
250 Eddie Jones Way
Oceanside, CA 92058

C DTS24****-****
DWG SIZE CAGE CODE 11139 SHEET 1 OF 1

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[YDTS24T21-11JBV001](#)