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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	REVISED PER ECO-19-013635	05SEP2019	JM	EO

2X A±.012

⊕.010Z

2X B

2X C

MASTER KEYWAY

4X D±.008

⊕.005M Z

4X E±.008

⊕.005M Z

ØG±.003

-Z-

STUB 60° MOD

TRIPLE START THREAD

"F"-.1P-.3L CLASS 2A

(SEE COLUMN "F" THREAD")

.943 MAX

.095^{+.007}_{-.020}

.150±.025

PCB PIN

DETAIL R

.382 MAX PIN

.406 MAX SOC

SOLDERPOT

OR EYELET

MATING INDICATOR

STRIPE, COLOR RED

EXAMPLE

MANUFACTURE PART

NUMBER MARKING

PART NUMBER BREAKDOWN: DTS 20 Y 17-35 P N

SHELL KEYING POSITIONS: N, A, B, C, D OR E

CONTACT PIN STYLE: P = SOLDERCUP, X = EYELET, C = PCB PIN

CONTACT SOC STYLE: S = SOLDERCUP, Z = EYELET, D = PCB PIN

INSERT ARRANGEMENT

SHELL SIZE: 9, 11, 13, 15, 17, 19, 21, 23, OR 25

CLASS: N = NICKEL PLATE OVER STAINLESS STEEL

Y = ELECTRO-POLISHED STAINLESS STEEL

H = SAME AS CLASS "Y" BUT SPACE GRADE

SHELL MOUNTING STYLE: 20 = BOX FLANGE MOUNT

BASIC IDENTIFIER: 38999 SERIES III HERMETIC RECEPTACLE

1. DIMENSIONS ARE INCHES UNLESS OTHERWISE NOTED

2. INSERT ARRANGEMENT CONFORMS TO MIL-STD-1560

3. LEAK RATE: <IE-8 cc/sec He @ 1 atm

4. FINISH: SHELL - STAINLESS STEEL

PIN CONTACTS - HIGH NICKEL IRON ALLOY OR EQUIVALENT

GLASS - COMPRESSION GLASS

PIN INSERT & INTERNAL SEAL - FLUROSILICONE ELASTOMER

5. MATERIAL: SHELL - STAINLESS STEEL

PIN CONTACTS - HIGH NICKEL IRON ALLOY OR EQUIVALENT

GLASS - COMPRESSION GLASS

PIN INSERT & INTERNAL SEAL - FLUROSILICONE ELASTOMER

6. MATES WITH DTS26 SERIES PLIUG CONNECTOR

7. CONNECTOR MEETS REQUIREMENT OF MIL-STL-38999 SERIES III

8. CONSULT CUSTOMER SERVICE FOR ARRANGEMENT AVAILABILITY

9. MOUNYING INFORMATION: DIMENSION "B" FRONT OR REAR PANEL MOUNT

DIMENSION "C" FRONT PANEL MOUNT ONLY

SHELL SIZE	A	B	C	D	E	F THREAD	G
9	.937	.719	.594	.128	.216	.6250	.444
11	1.032	.812	.719	.128	.194	.7500	.572
13	1.126	.906	.812	.128	.194	.8750	.684
15	1.221	.969	.906	.128	.173	1.0000	.808
17	1.311	1.062	.969	.128	.194	1.1875	.934
19	1.437	1.156	1.062	.128	.194	1.2500	1.039
21	1.563	1.250	1.156	.128	.194	1.3750	1.164
23	1.689	1.375	1.250	.154	.242	1.5000	1.289
25	1.811	1.500	1.375	.154	.242	1.6250	1.414

.050±.015

DETAIL R

SCALE 12:1

FEEDTHRU PIN

STYLE C & D

Ø.013±.002 SIZE 22

Ø.026±.002 SIZE 20

SIZE 16 & 12 STRAIGHT PIN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
in

MATERIAL
SEE NOTE 5

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.1

1 PLC ±.02

2 PLC ±.005

3 PLC ±.0005

4 PLC ANGLES ±.5°

FINISH

DWN 05SEP2019
JUAN MONTEMAYOR

CHK 05SEP2019
ENRIQUE OCHOA

APVD 05SEP2019
ENRIQUE OCHOA

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
CONNECTOR, RECEPTACLE

SIZE
A2

CAGE CODE
11139

DRAWING NO
C-DTS20XXX-XXXX

RESTRICTED TO
-

SCALE
6:1

SHEET
1

OF
1

REV
B

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Authorized Distributor

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