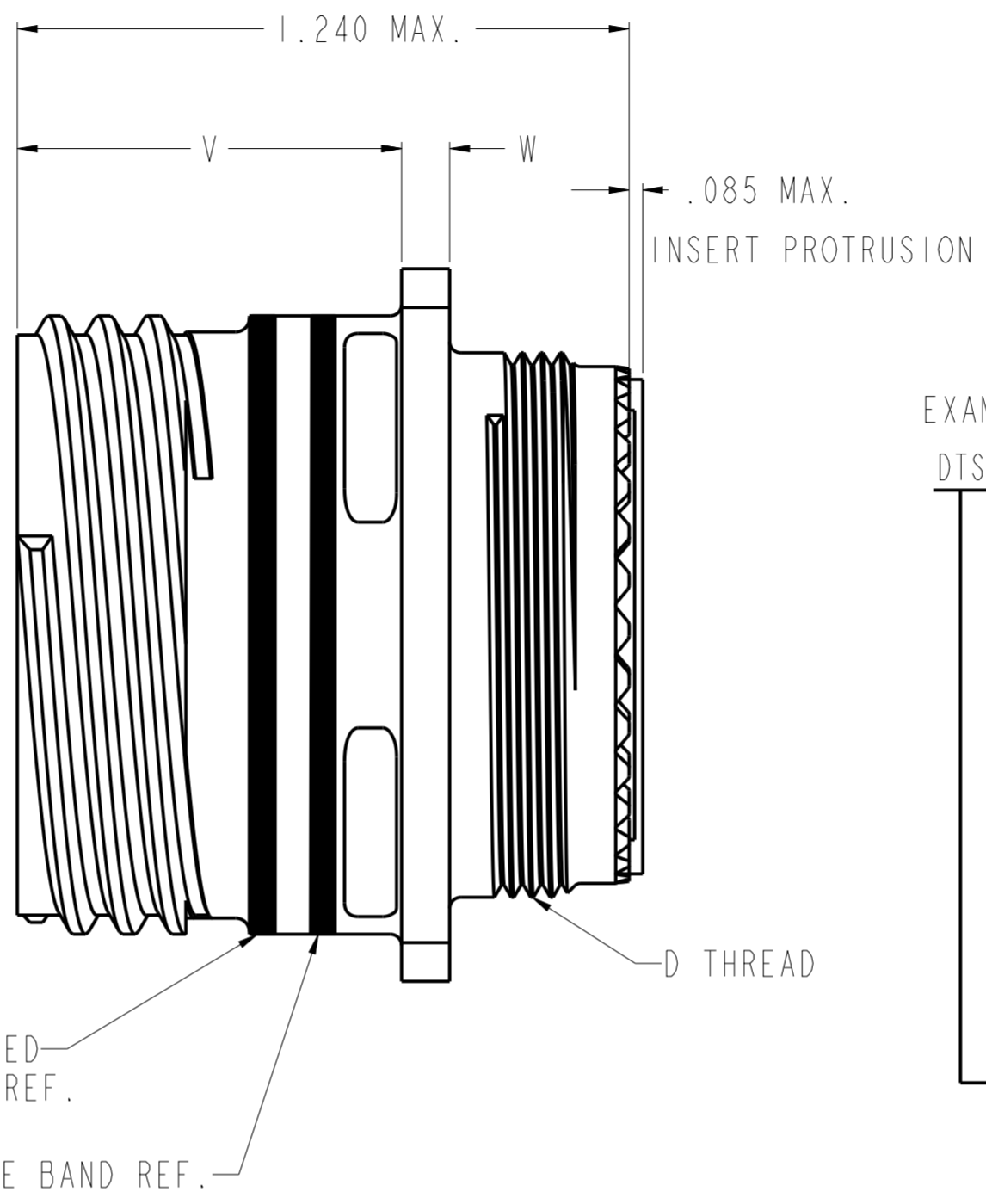
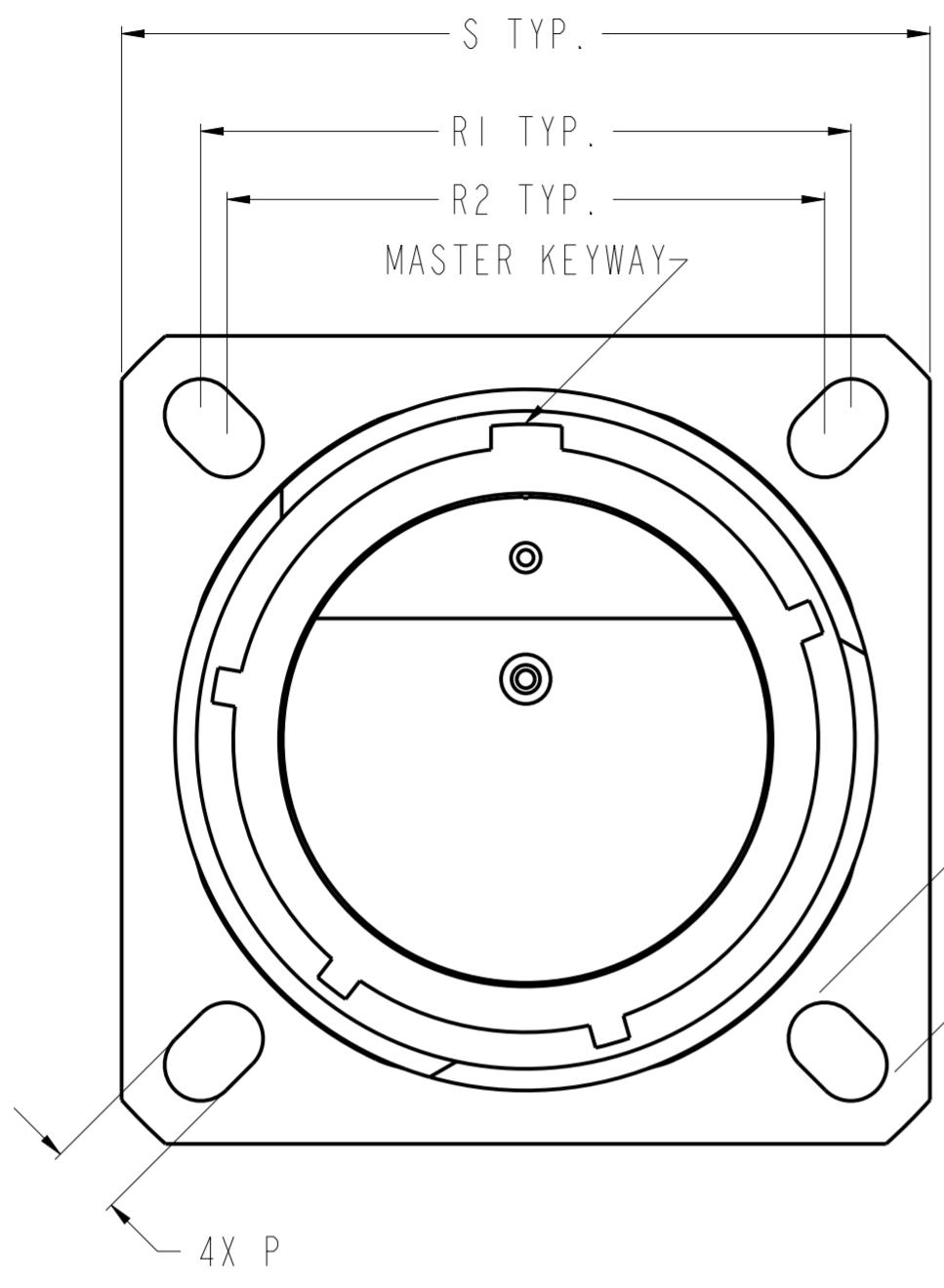


THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
 © COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

T.E. PROPRIETARY AND CONFIDENTIAL
 This drawing contains proprietary information that shall not be disclosed, duplicated nor used in whole or in part for any purpose other than to evaluate this drawing.

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
A		REVISED PER E.O. C8206	110510	-	RB		
B		UPDATED PER ECO-14-008850	140611	CB	EA		



EXAMPLE OF PART NUMBER
 DTS 20 W 19 - xx P/S x

- KEYING POSITION: N = NORMAL, A, B, C, D & E
- CONTACT STYLE: P = PIN, S = SOCKET
- INSERT ARRANGEMENT
- SHELL SIZE
- CLASS: F = NICKEL, G = NICKEL SPACE GRADE, T = TEFLON NICKEL, W = OLIVE DRAB CADMIUM, Z = ZINC NICKEL
- SHELL STYLE: 20 = SQUARE FLANGE RECEPTACLE
- CONNECTOR SERIES: DEUTSCH MIL-DTL-38999 SERIES III

- FOR AVAILABILITY CONSULT FACTORY.
- WHEN MOD - 7070 IS SPECIFIED CONNECTOR WILL BE SUPPLIED WITH DEUTSCHCOAT V PLATED CONTACTS AND AN ADDITIONAL WIRE SEALING GROMMET FOR ENHANCED PERFORMANCE.
- FOR APPLICABLE KEYING DIAGRAM AND PANEL CUTOUT DIMENSIONS, SEE MIL-DTL-38999. FOR AVAILABLE INSERT ARRANGEMENTS, SEE MIL-STD-1560.
- GENERAL SPECIFICATIONS: THIS CONNECTOR MEETS THE PERFORMANCE AND INTERMATEABILITY REQUIREMENTS OF MIL-DTL-38999, SERIES III.
- MATERIAL / FINISH: SHELL - ALUMINUM ALLOY / PLATING PER SAMPLE PART NUMBER DESCRIPTION.
 RESILIENT INSERTS - SILICONE ELASTOMER
 PLASTIC INSERTS - THERMOPLASTIC.
 CONTACTS - COPPER ALLOY / GOLD PLATED.
- ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. THREAD CALLOUTS ARE METRIC.

PART NUMBER	SIZE	D THREAD	P+.004 -.002	PP+.004 -.002	R1	R2	S±.011	V MAX.	W MAX.
DTS20x09-xxP/Sx	09	M12X1.0-6g 0.100R	.128	.216	.719	.594	.937	.822	.098
DTS20x11-xxP/Sx	11	M15X1.0-6g 0.100R	.128	.194	.812	.719	1.031	.822	.098
DTS20x13-xxP/Sx	13	M18X1.0-6g 0.100R	.128	.194	.906	.812	1.126	.822	.098
DTS20x15-xxP/Sx	15	M22X1.0-6g 0.100R	.128	.173	.969	.906	1.220	.822	.098
DTS20x17-xxP/Sx	17	M25X1.0-6g 0.100R	.128	.194	1.062	.969	1.311	.822	.098
DTS20x19-xxP/Sx	19	M28X1.0-6g 0.100R	.128	.194	1.156	1.062	1.437	.822	.098
DTS20x21-xxP/Sx	21	M31X1.0-6g 0.100R	.128	.194	1.250	1.156	1.563	.791	.126
DTS20x23-xxP/Sx	23	M34X1.0-6g 0.100R	.154	.242	1.375	1.250	1.689	.791	.126
DTS20x25-xxP/Sx	25	M37X1.0-6g 0.100R	.154	.242	1.500	1.375	1.811	.791	.126

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: EHAB ALAWNEH 070410
 CHK: JAMES FRIEDHOF 070523
 APVD: ALEX RENGLEO 110511

STE TE Connectivity

NAME: DTS SQUARE FLANGE ENVELOPE

PRODUCT SPEC: -
 APPLICATION SPEC: -
 WEIGHT: -

MATERIAL: TBD

SIZE: A2 CAGE CODE: - DRAWING NO: DTS20xxx-xxP/Sx RESTRICTED TO: -
 SCALE: 3.000 SHEET 1 OF 1 REV B

Customer Drawing